

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

550 FSL & 2100 FEL SW/SE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

50 miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

550

16. NO. OF ACRES IN LEASE

2270.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

6748'

19. PROPOSED DEPTH

7300

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4792' GR

22. APPROX. DATE WORK WILL START*

December, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To surface
7 7/8	5 1/2	17	TD	As needed

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

G. L. Pruitt

TITLE V.P. Drilling & Production

DATE 10/25/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11-5-82

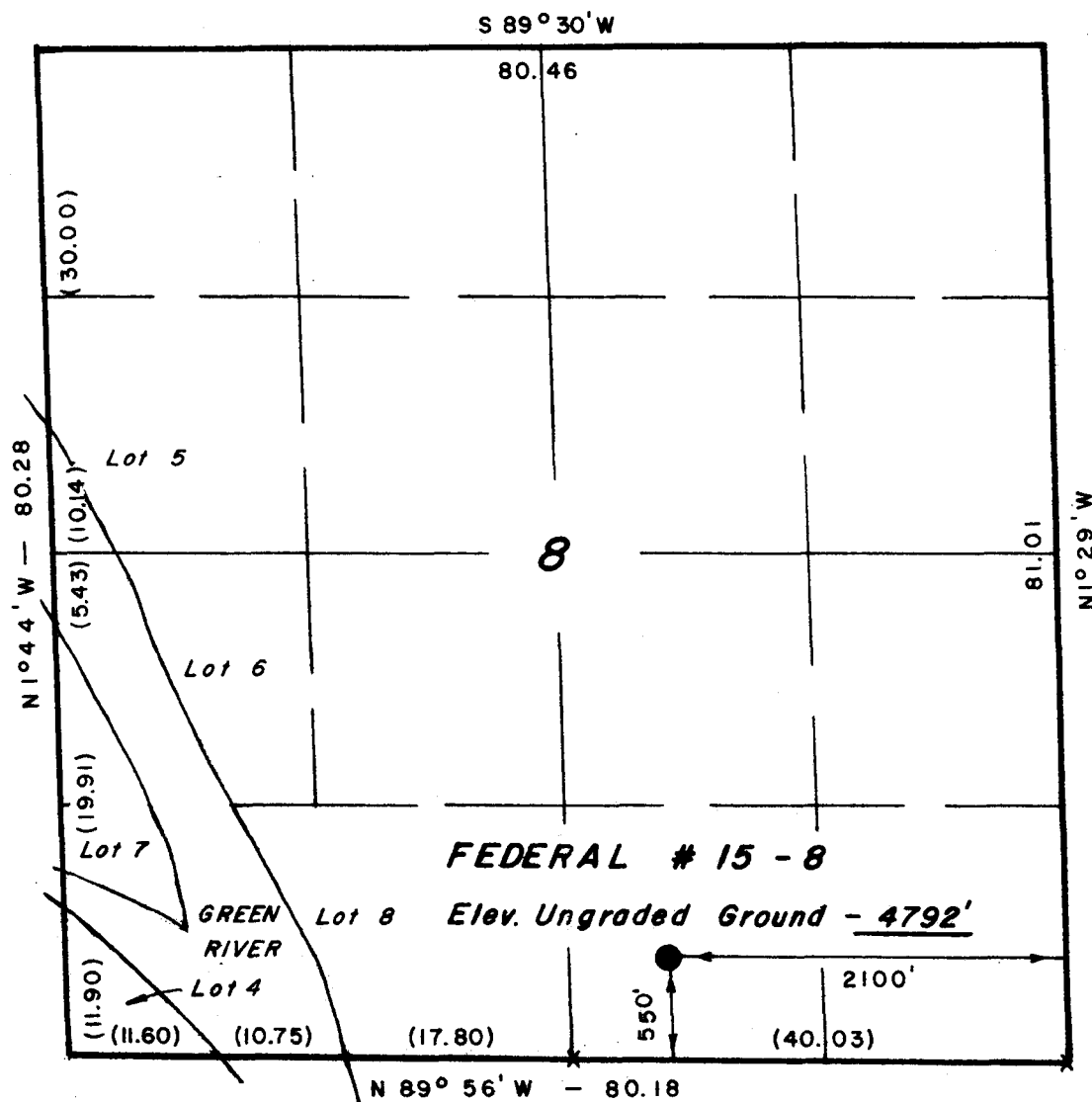
BY: *[Signature]*

T 7 S, R 21 E, S.L.B. & M.

PROJECT

LOMAX EXPLORATION CO.

Well location, **FED. # 15-8**,
located as shown in the SW1/4
SE1/4 Section 8, T 7 S, R21E,
S.L.B. & M. Uintah County, Utah



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

James P. King
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/21/82
PARTY	D.K. B.K. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	LOMAX

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY
Federal #15-8
Section 8, T7S, R21E
Uintah County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	3500-3600'
Wasatch	6800-6900'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River-Wasatch Transition	Oil bearing sands anticipated 6500-7000'
Uinta	Gas bearing sands anticipated 2000-3000'

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 17#; set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specificataions for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with 5% KCl water to the Wasatch zone (TD).

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

LOMAX EXPLORATION COMPANY
Federal #15-8
Section 8, T7S, R21E
Uintah County, Utah

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H₂S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately February, 1983.

Lomax Exploration Company
Well No. 15-8
Section 8, T.7S., R.21E.
Uintah County, Utah
Lease U-49656

Supplemental Stipulations

- 1) Traveling off access road rights-of-way will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
- 2) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 3) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 4) The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
- 5) The reserve pits will be lined.
- 6) The top 6 inches of topsoil will be windrowed near reference corner Nos. 1, 2, and 8.
- 7) All permanent (on-site for six (6) months duration or longer) structures or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded. Choice of color stipulations may vary depending on location.
- 8) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)
- 9) No exploration, drilling, or other development activity will be allowed during the period of May 15 to July 20.
- 10) The location will be moved 150 feet to the Northeast.

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Gynn
District Oil and Gas Supervisor

AMR/kr

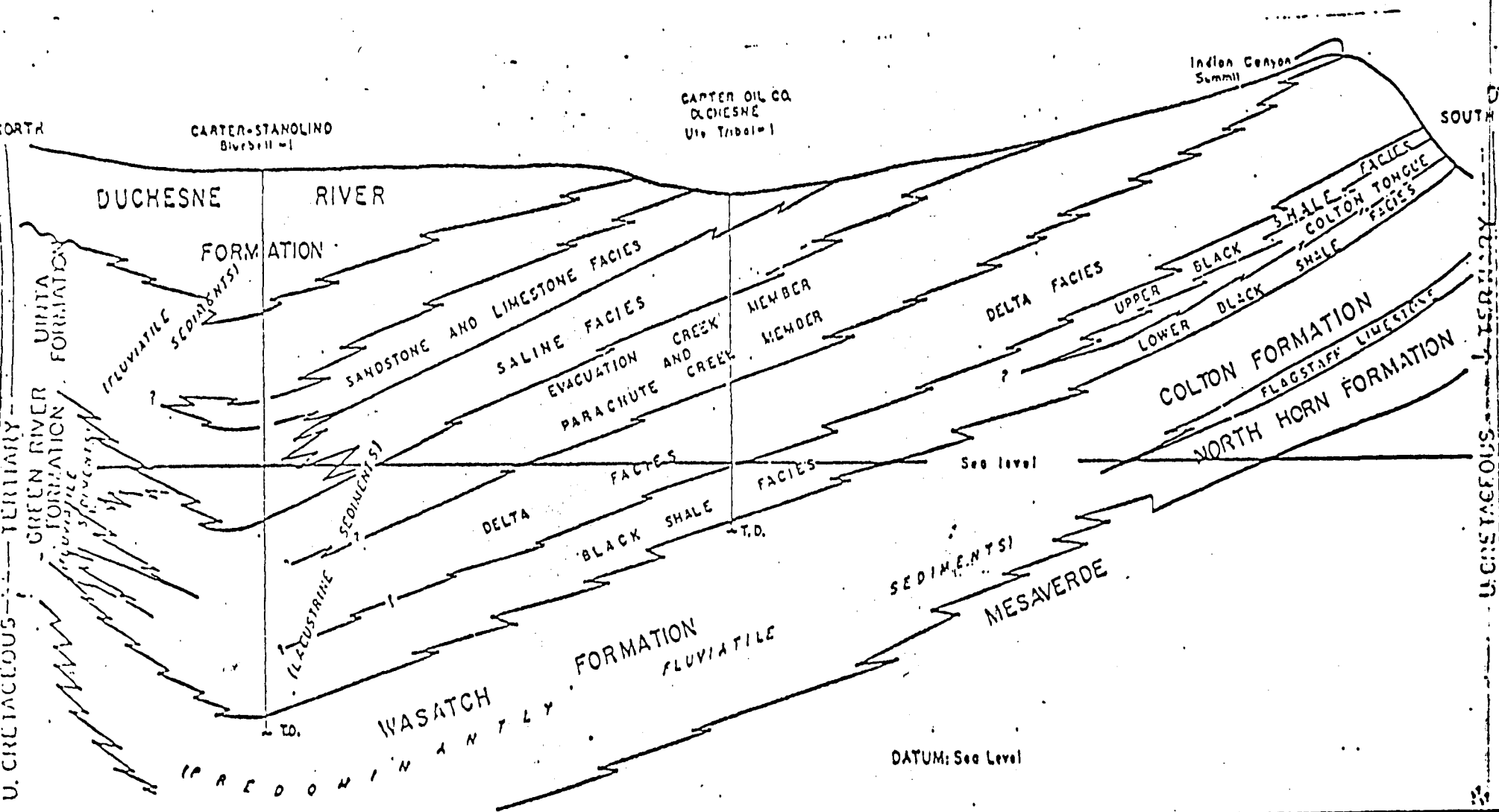
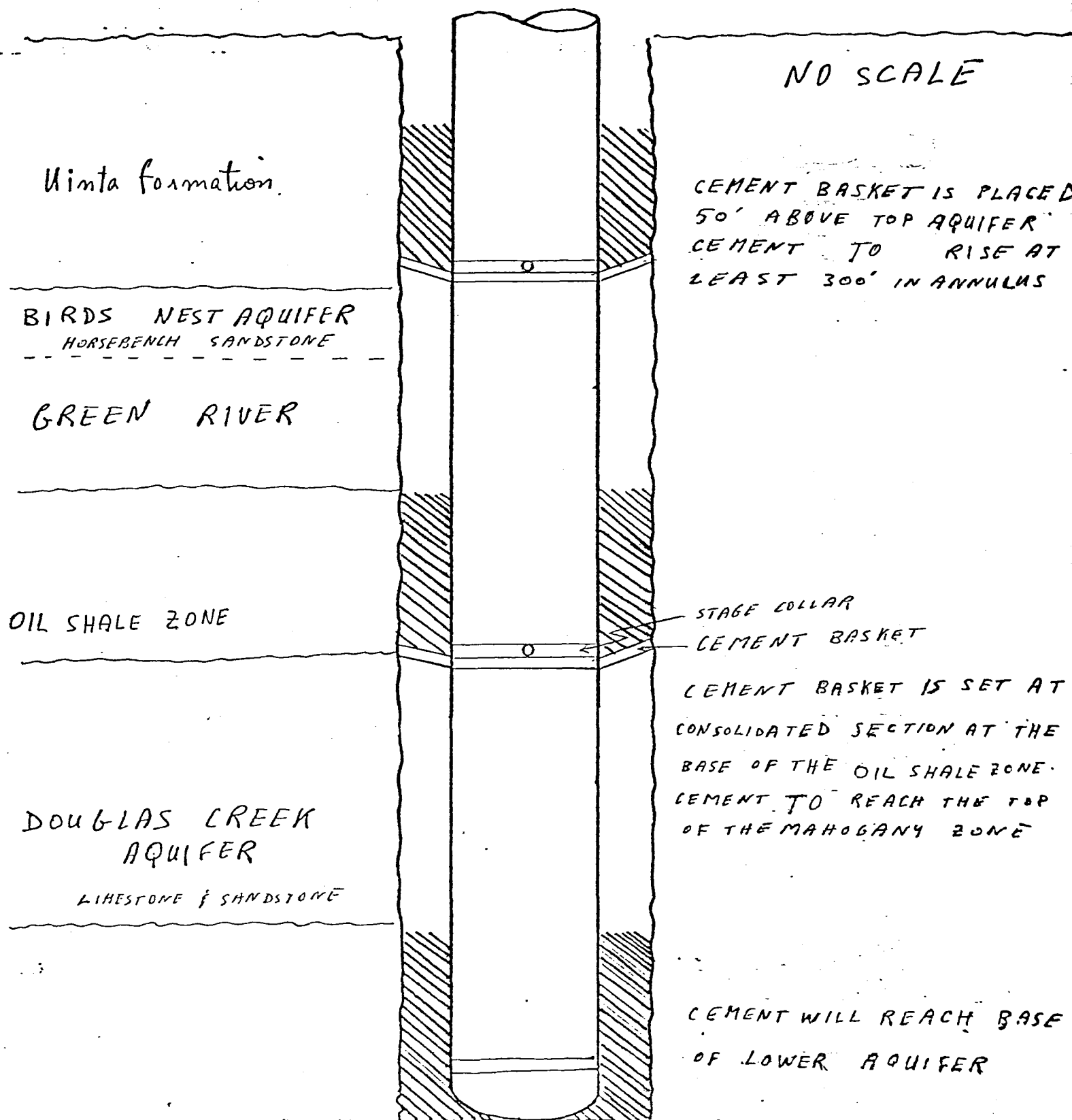


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. UINTAH COUNTY, UTAH



LOMAX EXPLOATION

13 Point Surface Use Plan

For

Well Location

Federal #15-8

Located In

Section 8, T7S, R21E, S.L.B. & M.

Uintah County, Utah

LOMAX EXPLOATION

Federal #15-8

Section 8, T7S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLOATION well location site Federal #15-8, located in the SW 1/4 SE 1/4 Section 8, T7S, R21E, S.L.B. & M., Uintah County, Utah:

Proceed Southerly out of Naples, Utah along the new Uintah County, Bonanza Highway \pm 21.2 miles to its junction with an existing road to the West; proceed in a Westerly direction along this road 21.9 miles to its junction with the proposed access road (to be discussed in item #2).

The highway mentioned in the foregoing paragraph is a bituminous surfaced road to the point where the existing dirt road exits to the West; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the SW 1/4 SW 1/4 Section 9, T7S, R21E, S.L.B. & M., and proceeds in a Northwesterly and then a Southwesterly direction approximately 0.7 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There may be one culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil & Gas Operation Manual.

There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

The lands involved in this action are privately owned and are under cultivation. The Minerals are under Federal control.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There is one known existing well, and one abandoned well within a one mile radius of this location site. (See Topographic Map "B").

There are no known, water wells, injection wells, monitoring or observations wells for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no existing LOMAX EXPLOATION wells within a one mile radius of this location site.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing line in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 3 miles from the Green River at a point in the SW 1/4 Section 17, T7S, P21E, S.L.B. & M.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 0.5 miles to the West of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

LOMAX EXPLOATION

Federal #15-8

Section 8, T7S, R21E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Federal #15-8 is located approximately 0.5 miles East of the Green River on a relatively flat bench area.

The terrain in the vicinity of the location slopes from the Northeast through the location site to the Southwest at approximately 2% grade.

The vegetation in the immediate area surrounding the location site consists of sparse amounts of sagebrush and grasses, with large areas devoid of vegetation.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East, Ste. 880
Houston, TX 77060

1-713-931-9276

LOMAX EXPLORATION

Federal #15-8

Section 8, T7S, P21E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

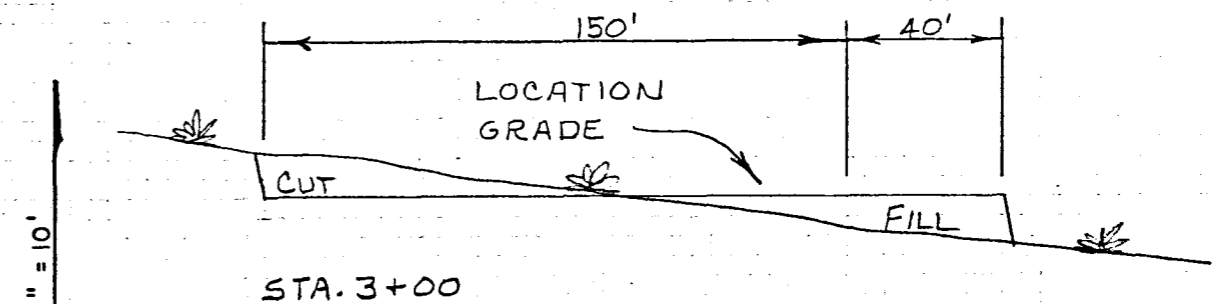
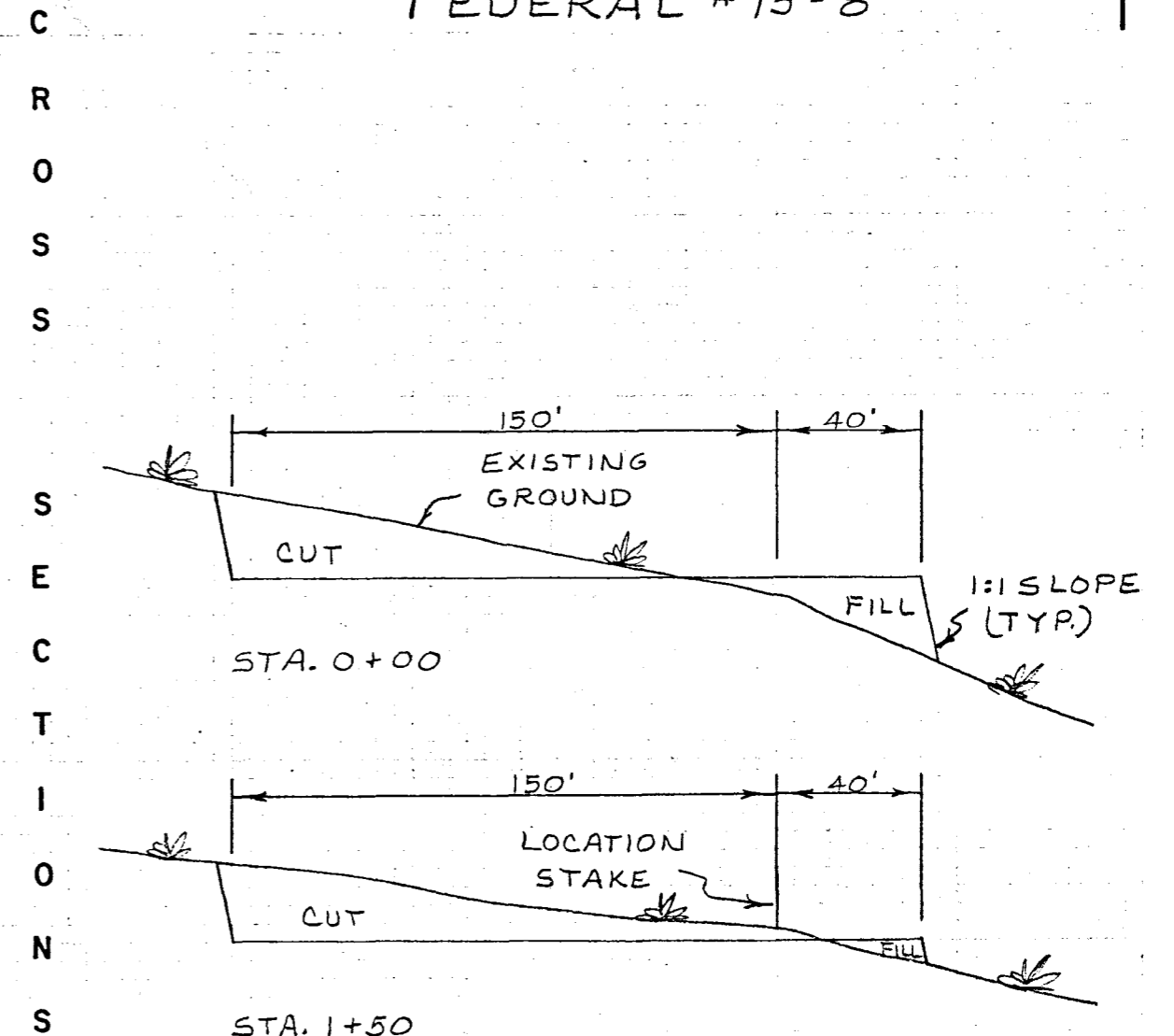
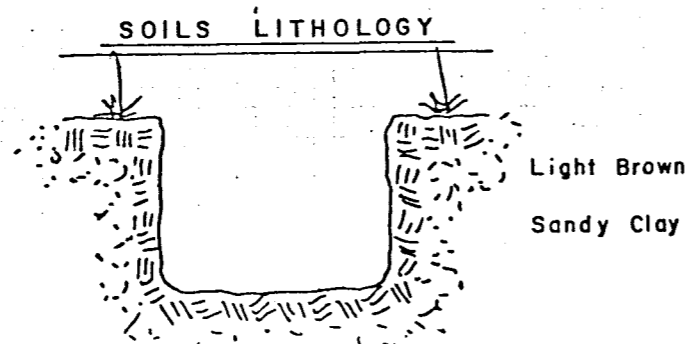
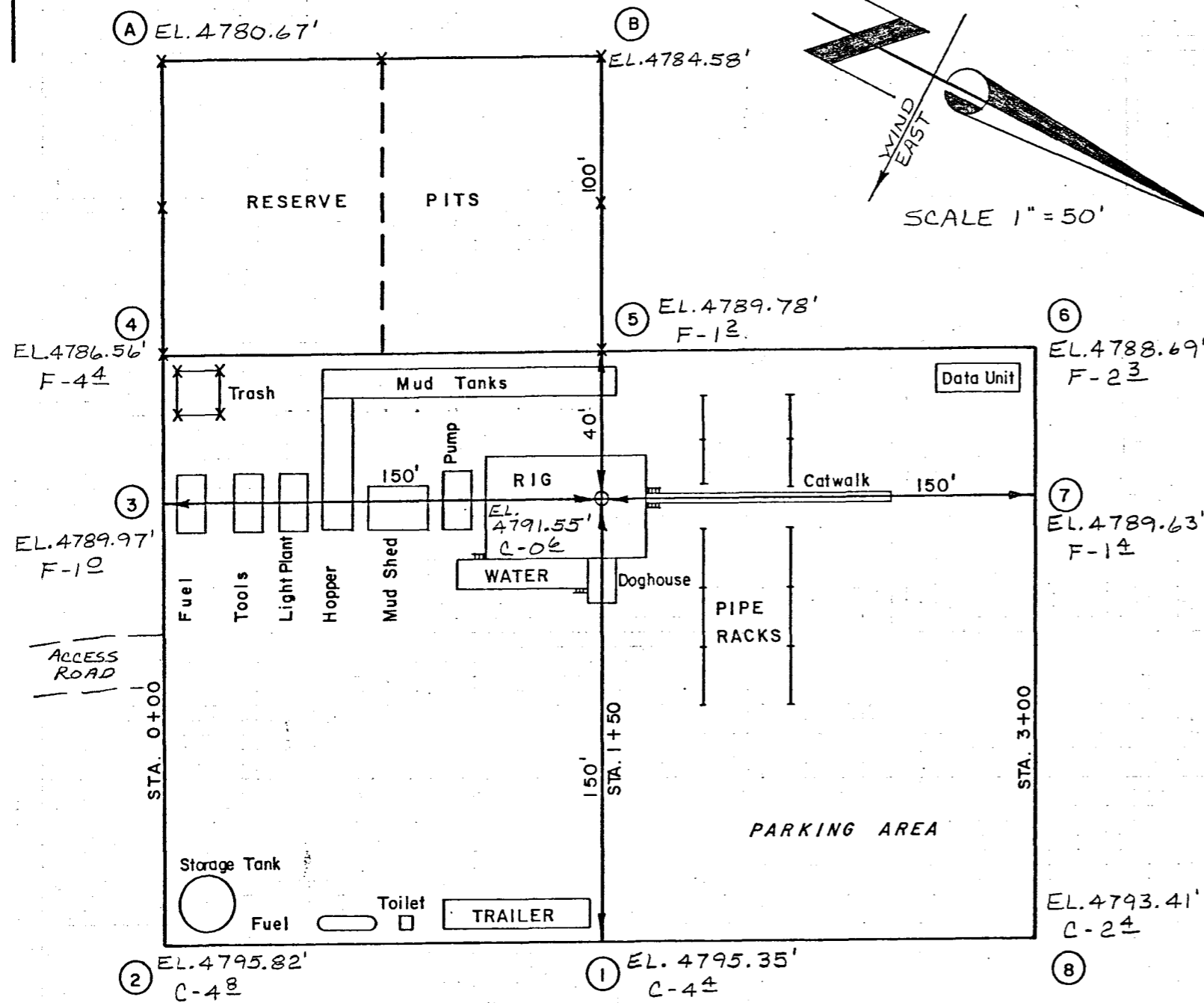
Date

10/25/82

Jack Pruitt

LOMAX EXPLORATION CO.

FEDERAL #15-8



Scales

1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut - 3304

Cu. Yds. Fill - 785

LOMAX EXPLORATION CO.

FEDERAL #15-8

PROPOSED LOCATION

Topo.

MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Heavy-duty

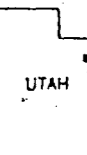
Light-duty

Medium-duty

Unimproved dirt

U. S. Route

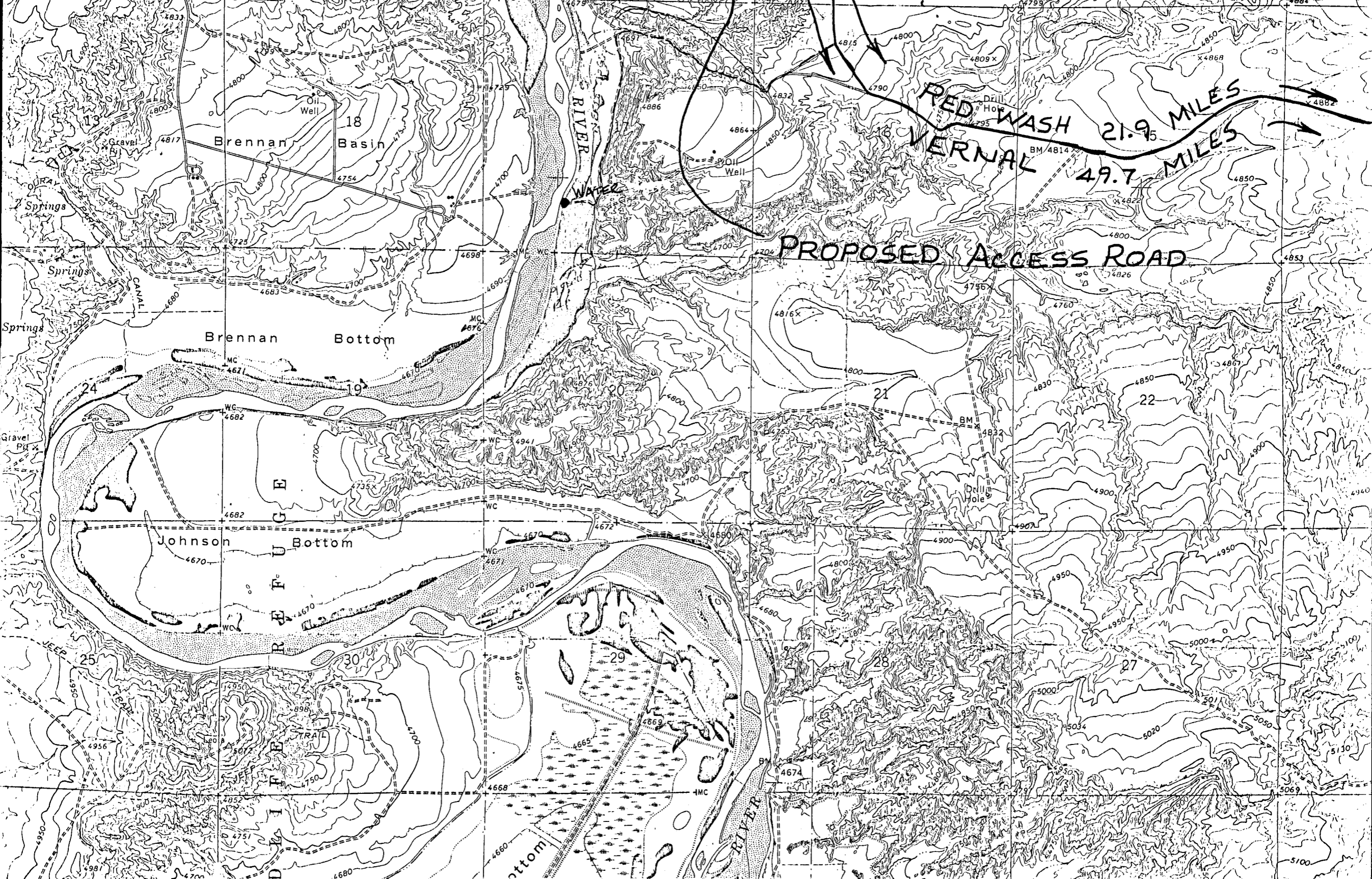
State Route

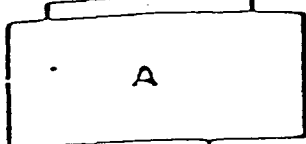
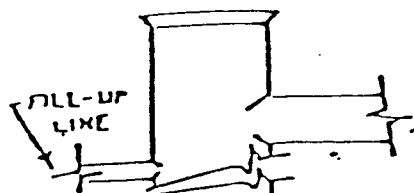


QUADRANGLE LOCATION

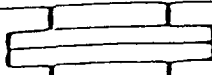
PROPOSED LOCATION
FEDERAL #15-8

0.7 MI.





Shaffer Spherical
10" 900



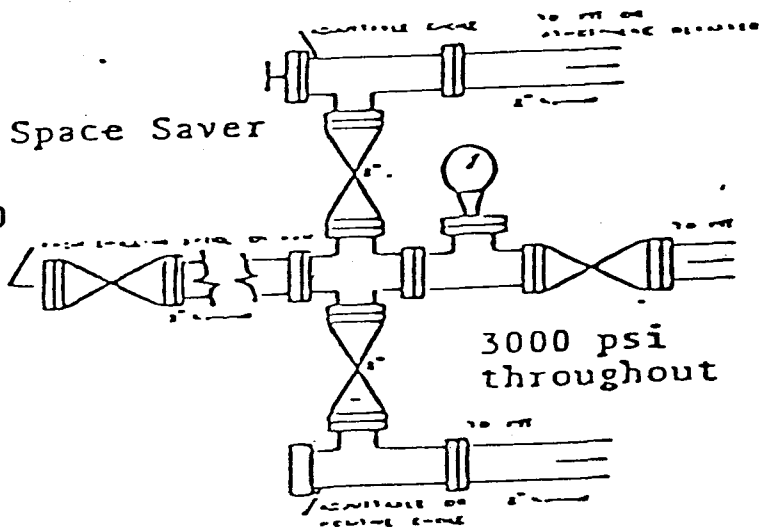
Cameron Space Saver



10" 900



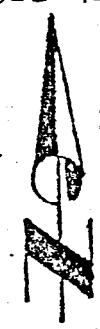
Casinghead



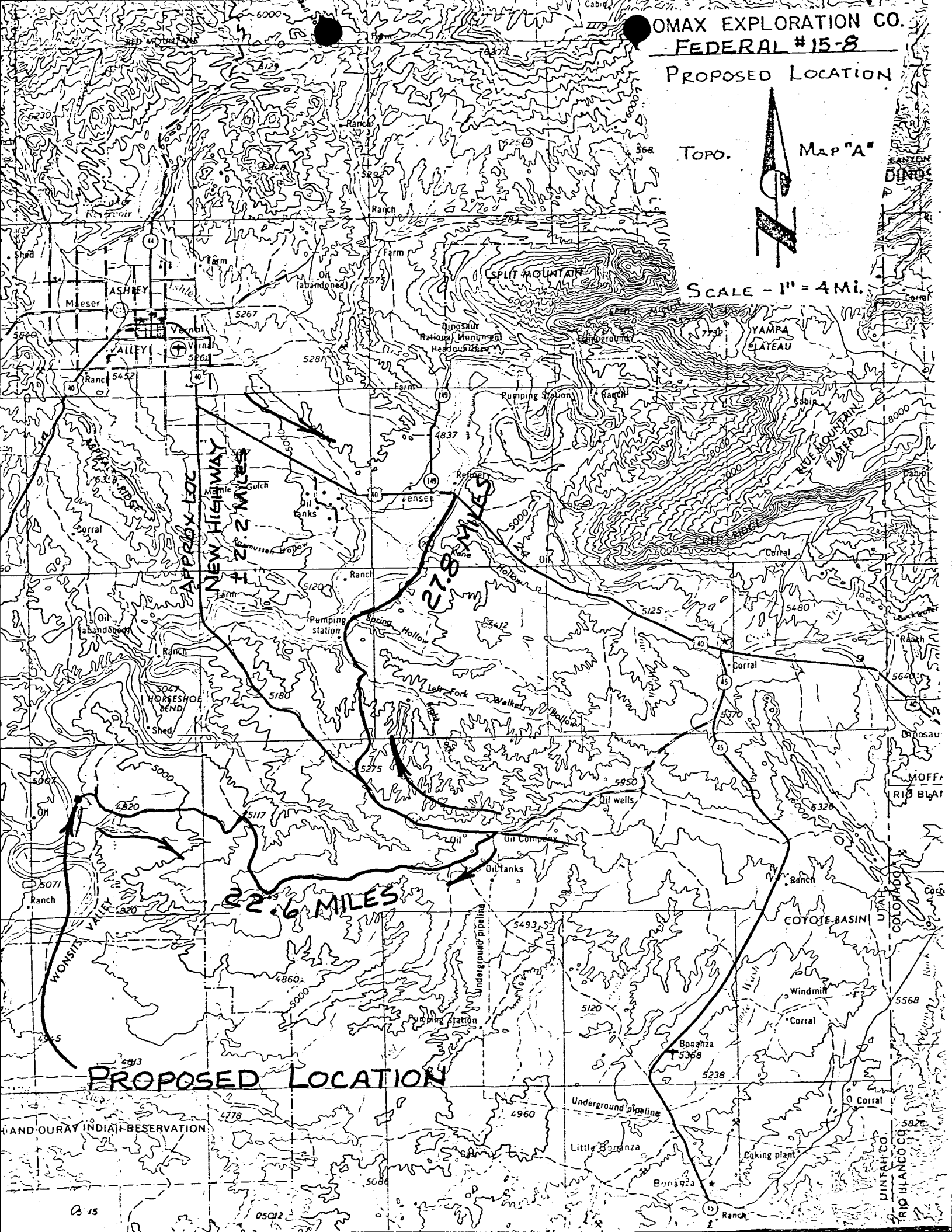
PROPOSED LOCATION

TOPO.

Map "A"



SCALE - 1" = 4 Mi.



PROPOSED LOCATION

AND OURAY INDIAN RESERVATION

UTAH CO.
TRIO BLANCO CO.

OPERATOR LOMAX EXPLORATION C DATE 11-5-82

WELL NAME FED 15-8

SEC SW SE 8 T 7S R 21E COUNTY UINTAH

43-047-31272
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX

☒ HL

☐

☐ NID

☒ PI

☐

☐ MAP

☒

☐

PROCESSING COMMENTS:

unit contraction in 1979 eliminated SE 1/4 of Sec 8
up nearby wells

RJR. ✓

APPROVAL LETTER:

SPACING: ☐ A-3 _____
UNIT

☐ c-3-a _____
CAUSE NO. & DATE

☒ c-3-b

☐ c-3-c

SPECIAL LANGUAGE:

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *FEED*

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER *NO*

☐ UNIT *NO*

☒ c-3-b

☐ c-3-c

☒ OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

November 5, 1982

Lomax Exploration Company
P. O. Box 4503
Houston, Texas 77210

RE: Well No. Federal 15-8
SWSE Sec. 8 T. 7S, R. 21E
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

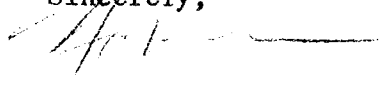
CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31272.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Minerals Management Service
Enclosurew

SUPERVISOR, OIL AND GAS OPERATIONS:

LOMAX
FED # 15-8

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-26026 A

and hereby designates

NAME: Lomax Exploration Company
ADDRESS: P. O. Box 4503
Houston, Texas 77210-4503

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South - Range 16 East, S. L. M.

Section 21: S/2SW, NE/SW
Section 28: N/2NW, S/2SE
Section 29: N/2NE, SE/SE

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

George G. Travis
(Signature of lessee)
George G. Travis

October 27, 1982

(Date)

941 Westwood Blvd., Suite 200
Los Angeles, California 90024

U. S. GOVERNMENT PRINTING OFFICE 16-53104-2

RECEIVED
NOV 17 1982

DIVISION OF
OIL, GAS & MINING

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: SL071572 A

and hereby designates

NAME: Lomax Exploration Company
ADDRESS: P. O. Box 4503
Houston, Texas 77210-4503

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 16 East, S. L. M.

Section 14: Lots 1,2,3,4 (All)

Section 15: Lots 1,2,3 (All)

Section 21: Lots 3,4, S/2SW


Section 28: NE/SW, N/2SE, S/2NW

Section 29: W/2, S/2NE, N/2SE

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.


George G. Travis (Signature of lessee)

October 27, 1982
(Date)

941 Westwood Blvd., Suite 200
Los Angeles, California 90024

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OIL & GAS OPERATIONS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐NOV 4 1982
PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SALT LAKE CITY, UTAH
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

550 FSL & 2100 FEL

SW/SE

At proposed prod. zone

625' 1970'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

50 miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

550

16. NO. OF ACRES IN LEASE

2270.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

6748'

19. PROPOSED DEPTH

7300

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4792' GR

22. APPROX. DATE WORK WILL START*

December, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To surface
7 7/8	5 1/2	17	TD	As needed

RECEIVED
FEB 07 1983DIVISION OF
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

G. L. Pruitt

TITLE

V.P. Drilling & Production

DATE

10/25/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

for E. W. Guynn

District Oil & Gas Supervisor

DATE

FEB 04 1983

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

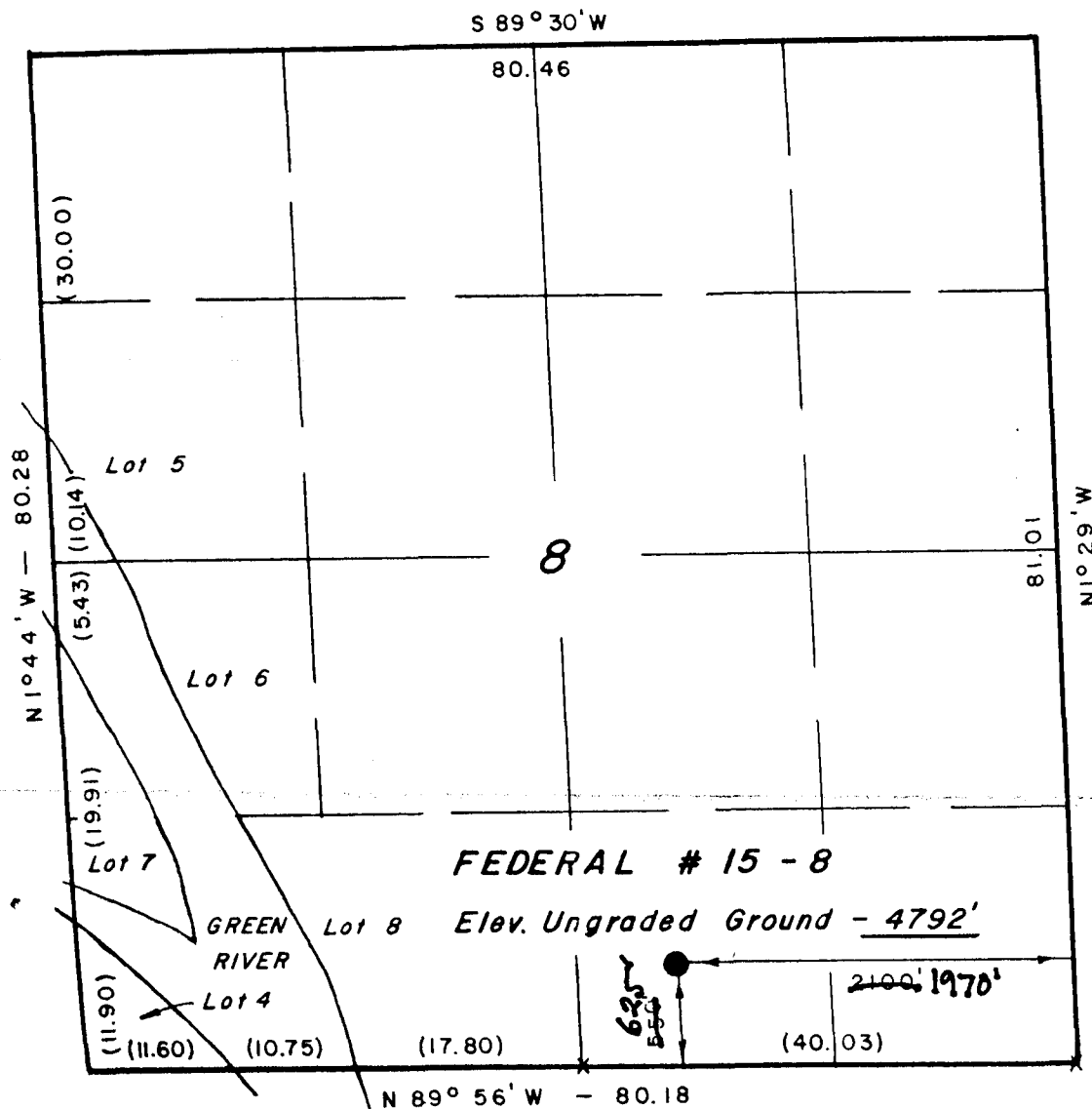
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

date 016

T 7 S, R 21 E, S.L.B. & M.

LOMAX EXPLORATION CO.

Well location, **FED. # 15-8**,
located as shown in the SW1/4
SE1/4 Section 8, T 7 S, R21E,
S.L.B. & M. Uintah County, Utah



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/21/82
PARTY	D.K. B.K. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	LOMAX

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Lomax Exploration Co.

WELL NAME: Brennen Federal 15-8

SECTION SWSE 8 TOWNSHIP 7S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR TWT

RIG # 56

SPUDDED: DATE 7-7-83

TIME 12:30 AM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Michelle

TELEPHONE # 713-931-9276

DATE 7-8-83 SIGNED AS

NOTICE OF SPUD

Company: Lomax Exploration

Caller: Michelle Lisdell

Phone: _____

Well Number: 15-8

Location: SWSE 8-7S-21E

County: Uintah State: Utah

Lease Number: U-49656

Lease Expiration Date: _____

Unit Name (If Applicable): Brennan Bottom

Date & Time Spudded: 7-7-83 12:30 A.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

Rotary Rig Name & Number: TWT #56

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Kr

Date: 7-8-83

July 8, 1983

Minerals Management Service
1745 West 1700 South
Room 2000
Salt Lake City, Utah 84104

Brennan Federal #15-8
SW/SE Section 8, T7S, R21E
Uintah County, Utah

Gentlemen:

Enclosed is a Sundry Notice for spud notification on the
subject well.

Please advise if you need additional information.

Very truly yours,

Michele Tisdell

Michele Tisdell
Sec. Drilling & Production

MT
✓ Enclosures (3)

cc: State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED
JUL 11 1983

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~ ^{well proposals}.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR
Lomax Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 625' FSL & 1970' FEL SW/SE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Spud Notification

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

U-49656

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brennan Federal

9. WELL NO.

15-8

10. FIELD OR WILDCAT NAME

Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 8, T7S, R21E

12. COUNTY OR PARISH 13. STATE

Duchesne ~~UTAH~~ Utah

14. API NO.

43-047-31272

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4792' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/29/83 Drill 12-1/4" hole to 280' w/dryhole digger. Set 8 5/8" 24# J-55 ST&C casing @ 267' GL. Cement w/210 sx class "G" + 2% CaCl + 1/4#/sx flocele. Cement returns to surface.

7/7/83 Spud @ 12:30 A.M. 7/7/83 w/TWT Rig #56.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED G.L. Pruitt TITLE V.P. Drlg. & Prod. DATE July 8, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 11 1983

*See Instructions on Reverse Side

DIVISION OF
OIL GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-49656

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brennan Federal

9. WELL NO.

15-8

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 8, T7S, R21E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Lomax Exploration company

3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

550' FSL & 2100' FEL SW/SE

At top prod. interval reported below

1970

At total depth

14. PERMIT NO.

43-047-31272

DATE ISSUED

11/5/82

15. DATE SPUDDED

7/7/83

16. DATE T.D. REACHED

7/16/83

17. DATE COMPL. (Ready to prod.)

9/18/83

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

4792' GR

19. ELEV. CASINGHEAD

4792

20. TOTAL DEPTH, MD & TVD

7330'

21. PLUG, BACK T.D., MD & TVD

7031

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Green River 6615-23 & 6846-6913

25. WAS DIRECTIONAL SURVEY MADE*

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNC-7DL DLL-MSFL, CBL-GR

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	267	12 1/4	210 sx cl "G" + 2% CaCl + 1/4#/sx flocele	
5 1/2	17	7074	7 7/8	200 sx Hifill & 600 sx Thixotropic	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	6981	

31. PERFORATION RECORD (Interval, size and number)

6846-56 (2 SPF)
6884-6913 (2 SPF)
6615-23 (2 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6846-6913	41,000 gal gelled KCl water & 98,000# 20/40 sand; acidize 2/200 gals Xylene, 4000 gals 7 1/2% HCl, 150,000 SCF N ₂ , 15,000 gals

33.*

PRODUCTION

15% HCl (CONTINUED)

DATE FIRST PRODUCTION

9/18/83

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

10/12/83

HOURS TESTED

24

CHOKE SIZE

Open

PROD'N. FOR TEST PERIOD

OIL—BBL.

30

GAS—MCF.

NM

WATER—BBL.

5

GAS-OIL RATIO

NM

FLOW. TUBING PRESS.

0

CASING PRESSURE

0

CALCULATED 24-HOUR RATE

OIL—BBL.

30

GAS—MCF.

NM

WATER—BBL.

5

OIL GRAVITY-API (CORR.)

35

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Usef for fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

G.L. Pruitt

TITLE V.P. Drilling & Production

DATE 10/18/83

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Uinta	913'					
Evacuation Creek	3259'					
Parachute Creek	4121'					
Garden Gulch	5940'					
Wasatch Transition	±6950'					

November 8, 1983

*File
Conf*

Chief, Branch of Fluid Minerals,
Utah State Office, B.L.M.
136 East South Temple
Salt Lake City, Utah 84111

Brennan Federal #15-8
SW/SE Section 8, T7S, R21E
Uintah County, Utah

Gentlemen:

Enclosed are logs that were not included with the Well Completion Report for the subject well.

Please advise if you need additional information.

Very truly yours,

Michele Tisdal

Michele Tisdal
Sec., V.P. Drilling & Production

MT
Enclosures (4)

cc: State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

*Borehole Volume }
Continuous Crossplot }
Dual Laterolog }*

*Rec 11/10
Compensated Density }
Compensated Neutron }*

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

District Office: 248 North Union • Roosevelt, Utah 84066
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

#2 Continued

6615-23'

Acidize w/3000 gals 15% HCl



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 8, 1984

Lomax Exploration Company
P.O. Box 4503
Houston, Texas 77210

Gentlemen:

SUBJECT: Well No. Federal 15-8, Sec. 8, T. 7S., R. 21E., Uintah County,
Utah; API #43-047-31272

According to our records, a "Well Completion Report" filed with this office October 18, 1983, on the subject well, indicates that the following electric logs were run: DNL-DL, DLL-MSFL, and CBL-GR. This office has received in addition a DLL, a DSTN and a Laserlog, however, as of today's date, this office has not received the DLL-MSFL or the CBL-GR.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Thank you for your prompt attention to this matter.

Sincerely,

Claudia L. Jones
Well Records Specialist

clj

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

RECEIVED

AUG 24 1984

August 21, 1984

DIVISION OF OIL
GAS & MINING

State of Utah
Natural Resources
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Logs
Brennan Federal #15-8
Section 8, T7S, R21E
Uintah County, Utah
API #43-047-31272

Gentlemen:

In response to your letter of August 8, 1984, we are sending you a copy of the CBL-GR log which was run on the subject well. However, a DLL-MSFL was not run on this well as was indicated on the Well Completion Report. The Dual Laterlog (DLL) was the actual log run on this well.

If you have any questions, please call us.

Yours very truly,



Paul Curry
Engineering Assistant.

PC/jwh

Enclosure

Lomax



April 22, 1985



Bureau of Land Management
P.O. Box 1037
170 South 500 East
Vernal, UT 84078

RE: Boundary #9-20
Section 20, T8S, R17E NE/SE
Lease #71-050376

Brennan Bottom #15-8
Section 8, T7S, R21E SW/SE
Lease #71-049656

Gentlemen:

To follow up my oral notification, please be advised that the above two wells have been placed back on production after being shut-in for a period extending beyond 90 days. The Boundary 9-20 last production on 10-13-84 and was placed back on production 4-19-85. The Brennan Bottom #15-8 last produced on 12-31-84 and was placed back on production 4-22-85.

Very truly yours,

LOMAX EXPLORATION COMPANY

Jodie S. Faulkner
Production Technician

RECEIVED
APR 25 1985

APR 25 1985

85-04-203

CLM

NOTED

MAR 15 1985



RECEIVED

SEP 10 1985

DIVISION OF OIL
GAS & MINING

September 9, 1985

State of Utah
Division of Oil, Gas & Mining
355 N.W. Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203
Attn: Ron Firth

Gas Tests - August 1985

Dear Mr. Firth:

Please find enclosed our gas tests for the month of August 1985 and the appropriate curtailment schedules.

Please advise if further information is required.

Very truly yours,

LOMAX EXPLORATION COMPANY

Jodie S. Faulkner
Production Technician

cc: W. Carothers
Bill K. Myers
Cheryl Cameron

JSF/jc

RECEIVED

LOMAX TEST REPORT

Month of August 1985

18

SEP 10 1985

SEP 10 1985		TEST				CURRENT MONTH (bbls oil)			Next Month ² Ceiling
Well Name	SECTION OF OIL	Date	BOPD	¹ MCFD	GOR	Production Ceiling	Actual Production	Over (Under)	
GAS & MINING									
Boundary Federal	# 9-20	SHUT IN				NA	NA	NA	NA
	15-20	SHUT IN				NA	NA	NA	NA
75.218.8 Brennan Bottom	# 15-8	8/08/85	14	8	555	NA	NA	NA	NA
	2-20	8/03/85	50	62	1233	NA	NA	NA	NA
	5-21	8/06/85	13	19	1412	NA	NA	NA	NA
Brundage Canyon	# 16-2	8/06/85	21	129	6188	745	493	(252)	740
	14-15	8/17/85	8	67	8413	NA	NA	NA	NA
	16-16	8/14/85	24	37	1579	NA	NA	NA	NA
	8-21	8/19/85	92	165	1805	NA	NA	NA	NA
	4-22	8/16/85	36	95	2610	NA	NA	NA	NA
S. Brundage Canyon	# 1-29	8/28/85	14	29	2056	NA	NA	NA	NA
	1-30	8/08/85	10	30	3124	NA	NA	NA	NA
Castle Peak Federal	#12-24	SHUT IN				NA	NA	NA	NA
S. Cottonwood Ridge	# 1-19	8/07/85	44	27	609	NA	NA	NA	NA
	1-20	8/09/85	41	24	581	NA	NA	NA	NA
Coyote Canyon Ute	# 10-9	8/03/85	46	75	1626	NA	NA	NA	NA
	16-12	8/02/85	79	36	455	NA	NA	NA	NA
	4-18	SHUT IN				NA	NA	NA	NA

1. Flared or Vented
2. Incorporates GOR formula & over/under amount

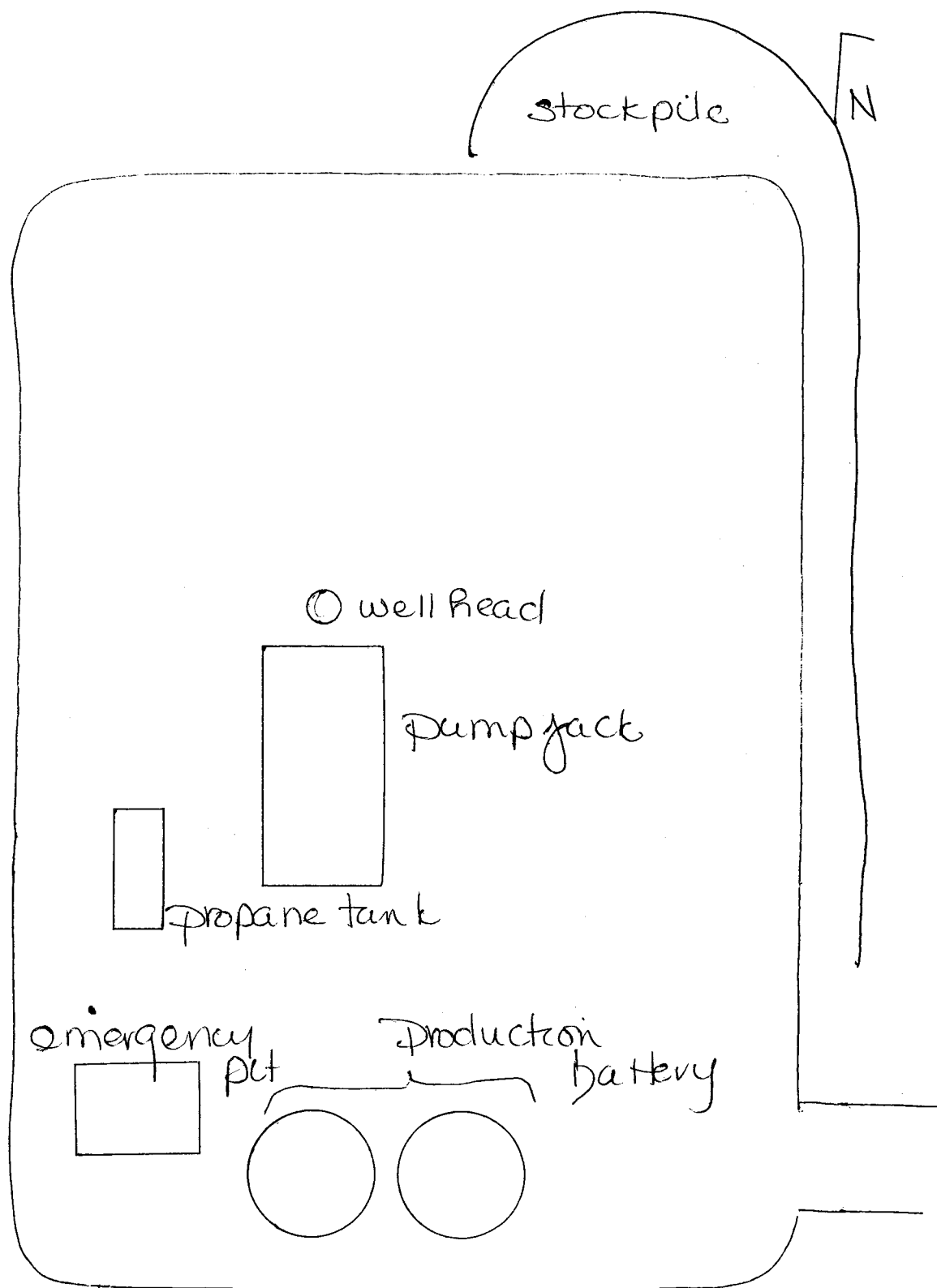
Signature:

Title:

[Signature]
[Signature]
 PROD TEAM

Date: 9-9-85

Brennan Bottom 15-8 Sec 8, T7S, R21E Dubuque
3/22/89



N0580

LOMAX TEST REPORT

Month of November 1987

Well Name	TEST				CURRENT MONTH (bbls oil)			Next Month ² Ceiling
	Date	BOPD	MCFD ¹	GOR	Production Ceiling	Actual Production	Over (Under)	
43-013-30670-50w 8517E 20 Boundary Federal #9-20	Temporarily Abandoned							
8517E 20 43-013-30667-50w #15-20	Temporarily Abandoned							
43-047-31272-50w 1521E 8 Brennan Bottom #15-8	11-25-87	7	1	171	NA	NA	NA	NA
43-013-30756-50w 554w 2 Brundage Canyon #16-2	11-10-87	5	44	8784	NA	NA	NA	NA
554w 15 43-013-30842-50w #14-15	11-06-87	4	33	7904	NA	NA	NA	NA
554w 16 43-013-30841-50w #16-16	11-03-87	8	12	1536	NA	NA	NA	NA
554w 21 43-013-30829-50w #8-21	11-18-87	34	182	5360	868	790	(78)	800
554w 22 43-013-30755-50w #4-22	11-16-87	20	31	1514	NA	NA	NA	NA
S. Brundage Can. #4-27	11-05-87	61	97	1578	NA	NA	NA	NA
554w 29 43-013-30964-50w #1-29	11-13-87	7	5	816	NA	NA	NA	NA
554w 30 43-013-30948-50w #1-30	11-09-87	4	4	1024	NA	NA	NA	NA
43-013-30873-50w 9516E 23 Castle Peak Fed. #6-23	11-01-87	16	20	1250	NA	NA	NA	NA
9516E 23 43-013-30662-50w #7-23	11-01-87	9	28	3111	NA	NA	NA	NA
8517E 23 43-047-31543-50w #9-23	11-01-87	5	9	1800	NA	NA	NA	NA
9516E 24 43-013-30588-50w #12-24	SHUT-IN							
43-013-30933-50w 554w 19 S. Cottonwood R. #1-19	11-07-87	29	18	631	NA	NA	NA	NA
554w 20 43-013-30966-50w #1-20	11-05-87	24	14	604	NA	NA	NA	NA
43-013-30861-50w 454w 9 Coyote Canyon #10-9	SHUT-IN							
454w 12 43-013-30922-50w #16-12	SHUT-IN							

- Flared or Vented
- Incorporates GOR formula & over/under amount

Signature: [Signature]Title: Production TechnicianDate: 12-18-87

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PETRO-X CORPORATION

3. Address and Telephone No.

1709 SOUTH WEST TEMPLE, SLC, UT 84115 801-467-7171

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/4SE/E of Sec 8, Township 7 South, Range 21 East, SLM,
Uintah County, Utah

FORM APPROVED
Budget Bureau No. 1001-0125
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-49656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 15-8

9. API Well No.

43-047-31272

10. Field and Pool, or Exploratory Area

Brennan Bottom

11. County or Parish, State

Uintah, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from Lomax Exploration Company
to Petro-X Corporation effective August 6, 1992
We agree to follow the terms and conditions of the lease

RECEIVED

OCT 06 1992

DIVISION OF
OIL, GAS & MINING

MARY REG INVESTMENTS

Signed *Khonda Ahmed*

Title Managing General Partner

Date August 6, 1992

(This space for Federal or State official use)

Approved by *Thomas B. Lawrence*
Conditions of approval, if any:

Title ASSISTANT DISTRICT
MANAGER MINERALS

Date AUG 18 1992

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing	
1- LCR	7- LCR
2- DPS	7-3
3- VLC	
4- RJF	
5- RWM	
6- ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-18-92)

TO (new operator)	<u>PETRO-X CORPORATION</u>	FROM (former operator)	<u>LOMAX EXPLORATION CO</u>
(address)	<u>1709 S W TEMPLE</u>	(address)	<u>PO BOX 1446</u>
	<u>SALT LAKE CITY UT 84115</u>		<u>ROOSEVELT UT 84066</u>
	<u>DEAN CHRISTENSEN</u>		<u>KEBBIE JONES</u>
	phone (801) <u>467-7171</u>		phone (801) <u>722-5103</u>
	account no. <u>N 0715</u>		account no. <u>N0580</u>

Well(s) (attach additional page if needed):

Name: <u>BRENNAN FED 15-8/GRRV</u>	API: <u>43-047-31272</u>	Entity: <u>8405</u>	Sec <u>8</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-49656</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see Btm Approval)*
- LCF 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(see'd 10-6-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- LCF 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LCF 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-9-92)*
- LCF 6. Cardex file has been updated for each well listed above. *(10-9-92)*
- LCF 7. Well file labels have been updated for each well listed above. *(10-9-92)*
- LCF 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-9-92)*
- LCF 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 10-13-92 1992. If yes, division response was made by letter dated 10-13-92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 10-13-92 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: Oct 19 1992.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921009 Btm/Vernal Approved 8-18-92 e.H. 8-6-92.
 921019 Dept. of Commerce / Corporations Mar/Reg Investments - Not registered.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1. LCR	7-LCR
2. DTS	TS
3. VLC	✓
4. RJF	✓
5. RWM	✓
6. ADA	✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ~~XXX~~ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-31-92)

TO (new operator) PETRO-X CORPORATION
(address) 1709 S W TEMPLE
SALT LAKE CITY, UT 84115
ATTN: R. GARRY CARLSON
phone (801) 467-7171
account no. N0715(A)

FROM (former operator) PETRO-X CORPORATION
(address) 1709 S W TEMPLE
SALT LAKE CITY, UT 84115
ATTN: DEAN CHRISTENSEN
phone (801) 467-7171
account no. N0715

Well(s) (attach additional page if needed):

Name: <u>RFC #1/UNTA</u>	API: <u>43-047-31805</u>	Entity: <u>10952</u>	Sec <u>20</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-42050</u>
Name: <u>FEDERAL 5-21/GRRV</u>	API: <u>43-047-31341</u>	Entity: <u>2665</u>	Sec <u>21</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-30290</u>
Name: <u>FEDERAL 2-20/GRRV</u>	API: <u>43-047-31275</u>	Entity: <u>2675</u>	Sec <u>20</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-49656</u>
Name: <u>BRENNAN FED 15-8/GRRV</u>	API: <u>43-047-31272</u>	Entity: <u>8405</u>	Sec <u>8</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-49656</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 12-30-92)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (12-31-92)
- N/A 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above.
- N/A 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Jan 4 1993. If yes, division response was made by letter dated Jan 4 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated Jan 4 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: Jan 4 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

921231 Petro-X "Dean Christensen" Alternate address for Petro-X will be changing to Uesnal at a later date. Documentation will be submitted at that time.

PETRO - X CORPORATION

1709 South West Temple
Salt Lake City, Utah 84115

Telephone: 801-467-7171
Fax: 467-7193



DIVISION OIL, GAS, AND MINING
355 WEST NORTH TEMPLE
3 TRIAD BUILDING, SUITE 350
SALT LAKE CITY, UTAH 84180-1203

ATTN: MS. LEISHA ROMERO
WELL RECORDS

DECEMBER 30, 1992

RE: SEPARATION OF REPORTING
RESPONSIBILITIES

MS. ROMERO:

PURSUANT TO OUR PHONE CONVERSATION THIS DATE CONCERNING THE REPORTING OF WELLS FOR PETRO-X CORPORATION, MR. R. GARRY CARLSON OF THIS OFFICE WILL BE RESPONSIBLE FOR ALL OPERATIONS AND REPORTING FOR WELLS LOCATED IN THE UINTAH BASIN AREA.

AS A RESULT OF THIS FACT, IT WILL BE GREATLY APPRECIATED IF YOUR OFFICE COULD PLACE ALL OF THE WELLS SHOWN ON THE ATTACHED SUNDRY NOTICE ON ONE REPORT FORM. THE ONLY CHANGE WILL BE THAT THESE WELLS ARE CONSOLIDATED. NONE OF THE OPERATOR NUMBERS, ETC., WILL NEED TO BE CHANGED.

THIS CHANGE WILL FACILITATE OUR REPORTING AS THE TWO DIFFERENT AREAS DON'T REPORT PRODUCTION FIGURES ON THE SAME TIME SCHEDULE WHICH HOLDS UP REPORTING FOR THE GRAND COUNTY PROPERTIES.

THANK YOU FOR YOUR ASSISTANCE WITH THIS REQUEST.

SINCERELY,

A handwritten signature in dark ink, appearing to read "Dean H. Christensen".

DEAN H. CHRISTENSEN
SECRETARY

RECEIVED

JAN 04 1993

DIVISION OF
OIL GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.1. Type of Well: OIL ☐ GAS ☐ OTHER:

2. Name of Operator: PETRO-X CORPORATION

3. Address and Telephone Number:

1709 SOUTH WEST TEMPLE, SLC, UT 84115 467-7171

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other <u>SEPARATION OF REPORTING</u> | |

RESPONSIBILITIES

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

IT IS REQUESTED THAT THE FOLLOWING WELLS BE REPORTED ON A SEPARATE MONTHLY REPORTING FORM: (ATTN: R. GARRY CARLSON)

RFC #1
43-047-31805 10952 07S 21E 20BRENNEN 5-21
43-047-31341 02665 07S 21E 21BRENNEN 2-20
43-047-31275 02675 07S 21E 20BRENNEN 15-8
43-047-31272 08405 07S 21E 8

RECEIVED

JAN 04 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: Quanta ChantTitle: SecretaryDate: 12/30/92

(This space for State use only)

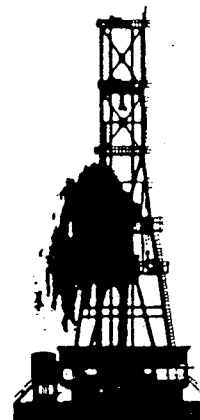
PETRO-X CORPORATION

P.O. Box 520205
Salt Lake City, Utah 84152-0205
Telephone: 801-467-7171
Fax: 467-7193

RECEIVED

AUG 03 1993

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
DIVISION OF OIL, GAS, & MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UTAH 84180-1203

ATTN: VICKY CARNEY
WELL RECORDS

AUGUST 2, 1993

RE: MONTHLY REPORTS

GENTLEMEN:

ATTACHED PLEASE FIND COPIES OF THE REPORTS FOR JUNE OPERATIONS.

THE FOLLOWING SETS FORTH THREE (3) PROBLEMS THAT WE DISCOVERED IN COMPLETING THE PRE-PRINTED FORMS:

1. WELL ADAK-ANSCHUTZ 26-1A, API #43-019-30477, ENTITY #09060 T20S, R21E, SECTION 26, APPEARED ON THE FORM NR0001.FRM 06/21/93, BUT DID NOT APPEAR ON THE FORM NR0003.FRM 06/21/93. IT WAS ADDED AND THE APPROPRIATE INFORMATION SHOWN.

2. WELL FEDERAL 26-3, API #43-019-30582, ENTITY #09061, WAS ENTIRELY DELETED FROM THE REPORTS SENT TO THIS OFFICE. IT WAS PRINTED IN AND THE APPROPRIATE INFORMATION SUPPLIED.

THIS WELL HAS A DUAL COMPLETION. THE MANCOS SHALE HAS A 20 PSI FORMATION THAT IS CURRENTLY BEING OPERATED BY THE LINN BROS., GRAND JUNCTION, COLORADO. WE ARE OPERATING THE DAKOTA ZONE FROM THIS SAME WELL, AS THE TWO ZONES DO NOT COMMUNICATE. THE MANCOS GAS IS TAKEN FROM THE SURFACE CASING, AND THE DAKOTA GAS IS CEMENTED OFF AND IS TAKEN THRU THE 4 1/2" PRODUCTION CASING. WE WILL BE SETTING TUBING AND BEGIN PRODUCING THE DAKOTA FORMATION SOMETIME IN SEPTEMBER, 1993.

ADDITIONALLY, YOUR OFFICE IS NOTIFIED THAT AS OF 1 JULY, 1993, PETRO-X CORPORATION IS NOT LONGER THE OPERATOR FOR THE FOLLOWING WELLS IN THE UINTAH BASIN:

1. FEDERAL 5-21 - API #43-047-31341, ENTITY #02665.
2. FEDERAL 2-20 - API #43-047-31275, ENTITY #02675.
3. FEDERAL 15-8 - API #43-047-31272, ENTITY #08405. ✓

PAGE 2

THESE WELLS HAVE BEEN TRANSFERRED TO MAR/REG OIL COMPANY, RENO, NEVADA. THE FEDERAL GOVERNMENT HAS BEEN SUPPLIED WITH BOTH SUNDRY NOTICES AND THE APPROPRIATE PAYOR INFORMATION FORMS (PIF's). THESE THREE WELLS SHOULD BE DELETED FROM PETRO-X CORPORATION AS OF 1 JULY, 1993.

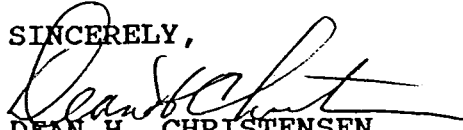
ADDITIONALLY, PETRO-X CORPORATION HAS EXCHANGED CERTAIN INTERESTS PREVIOUSLY HELD IN THE STRYCHNINE CANYON WATERFLOOD PROJECT, AND HAS RESIGNED EFFECTIVE 1 JULY, 1993 OF THAT UNIT. THE FOLLOWING WELLS ARE AFFECTED BY THAT TRANSACTION AND SHOULD BE REMOVED FROM OUR REPORTS AS FOLLOWS:

1. BULL CANYON 1-1, API 43-019-30566, ENTITY #00945.
2. BULL CANYON 1-3, API 43-019-31037, ENTITY #00946.
3. STATE OF UT 2-20-21-2, API 43-019-30699, ENT. 00947.
4. BULL CANYON 1-2, API 43-019-30603, ENTITY #10405.

THESE WELLS WILL ALSO BE OPERATED BY MAR/REG OIL COMPANY, RENO, NEVADA, EFFECTIVE 1 JULY, 1993.

THANK YOU FOR YOUR ASSISTANCE WITH THESE MATTERS.

SINCERELY,



DEAN H. CHRISTENSEN
PRESIDENT

CC: MAR/REG OIL COMPANY

FILED: C:\STATE\MOREP.1

MAR/REG OIL COMPANY

A Nevada Corporation

August 11, 1993

Division of Oil, Gas & Mining
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

Re: Change of Operator

Dear Ms. Cordova:

Enclosed are the Sundry Notices you requested for the wells for which we have taken over operations.

Sincerely,



Rhonda Ahmad

RECEIVED

AUG 13 1993

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MAR/REG OIL COMPANY

3. Address and Telephone No.

P.O. BOX 18148, RENO, NV 89511

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/4 SE/4 of Sec. 8, Township 7 South, Range 21 East, SLM
Uintah County, Utah

8. Well Name and No.

FEDERAL 15-8

9. API Well No.

43-047-31272

10. Field and Pool, or Exploratory Area

BRENNAN BOTTOM

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of Operator from Petro-X Corporation
to Mar/Reg Oil Company effective July 1, 1993.
We agree to follow the terms and conditions of
the lease.

RECEIVED

AUG 13 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Rhonda Ahmad Title President

Date 7/20/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

RECEIVED
JUL 26 1993

P. 01

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

SEP 07 1993

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MAR/REG OIL COMPANY

3. Address and Telephone No.

P.O. BOX 18148, RENO, NV 89511

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/4 SE/4 of Sec. 8, Township 7 South, Range 21 East, SLM
Uintah County, Utah

5. Lease Designation and Serial No.

U-49656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FEDERAL 15-8

9. API Well No.

43-047-31272

10. Field and Pool, or Exploratory Area

BRENNAN BOTTOM

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
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☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of Operator from Petro-X Corporation
to Mar/Reg Oil Company effective July 1, 1993.
We agree to follow the terms and conditions of
the lease.

COPY

14. I hereby certify that the foregoing is true and correct

Signed

Rhonda Ahmas

Title President

Date 7/20/93

(This space for Federal or State office use)

Approved by

[s] HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT
MANAGER MINERALS

Date

SEP 03 1993

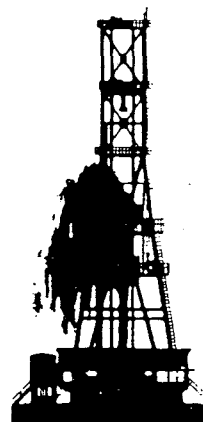
PETRO-X CORPORATION

P.O. Box 520205
Salt Lake City, Utah 84152-0205
Telephone: 801-467-7171
Fax: 467-7193

RECEIVED

SEP 08 1993

DIVISION OF
OIL, GAS & MINING



DIVISION OF OIL, GAS, AND MINING
350 WEST NORTH TEMPLE, S-355
SALT LAKE CITY, UTAH 84180-1203

ATTN: MS. VICKIE CARNEY
PRODUCTION RECORDS

AUGUST 24, 1993

RE: CHANGE OF OPERATOR
NOTICE

DEAR VICKIE:

ATTACHED PLEASE FIND THE MONTHLY OIL AND GAS PRODUCTION REPORTS AND THE MONTHLY DISPOSITION REPORTS FOR PETRO-X CORPORATION AND CCCo.

PLEASE NOTE THE FOLLOWING WELLS HAVE BEEN TRANSFERRED TO DIFFERENT OPERATORS, AND THE APPROPRIATE NOTICES HAVE BEEN FILED WITH THE BUREAU OF LAND MANAGEMENT, MOAB DISTRICT, AND VERNAL DISTRICTS. THESE CHANGES ARE AS FOLLOWS:

OPERATOR	WELL NAME	API NUMBER

SATURN RESOURCES CORP.	MUSTANG 3-1	43-019-31128
	FEDERAL 2-037	43-019-30864
	FEDERAL 3-037	43-019-30992
	FEDERAL 7-037	43-019-31015
	INLAND FUELS 9-5	43-019-31085
	INLAND FUELS 9-6	43-019-31142

MAR/REG OIL COMPANY	BULL CANYON 1-1	43-019-30566
	BULL CANYON 1-3	43-019-31037
	STATE 2-20-21-2	43-019-30699
	BULL CANYON 1-2	43-019-30603
	FEDERAL 5-21	43-047-31341
	FEDERAL 2-20	43-047-31275
BRENNEN	FEDERAL 15-8	43-047-31272✓

AMBRA OIL AND GAS COMPANY	TUMBLEWEED #1	43-019-30513

PAGE 2
CHANGE OF OPERATOR

THANK YOU FOR YOUR ASSISTANCE WITH THESE CHANGES FOR NEXT
MONTHS REPORTS.

SINCERELY,

A handwritten signature in dark ink, appearing to read "Dean H. Christensen", written in a cursive style.

DEAN H. CHRISTENSEN
PRESIDENT



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 9, 1993

Rhonda Ahmad
MAR/REG Oil Company
P. O. Box 18148
Reno, Nevada 89511

Re: Petro-X Corporation to MAR/REG Oil Company

Dear Ms. Ahmad:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-10
2-DT 7-SJ
3-VLC 8-FILE
4-RJE
5-10
6-PL

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator) <u>MAR/REG OIL COMPANY</u>	FROM (former operator) <u>PETRO-X CORPORATION</u>
(address) <u>PO BOX 18148</u>	(address) <u>PO BOX 520205</u>
<u>RENO, NV 89511</u>	<u>SALT LAKE CITY, UT 841520205</u>
<u>RHONDA AHMAD, PRES & P.E.</u>	<u>R GARRY CARLSON</u>
phone <u>(702) 852-7444</u> FAX# <u>702-851-1138</u>	phone <u>(801) 467-7171</u>
account no. <u>N 8195 (9-9-93)</u>	account no. <u>N 0715(A)</u>

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 5-21/GRRV</u>	API: <u>43-047-31341</u>	Entity: <u>2665</u>	Sec <u>21</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-30290</u>
Name: <u>FEDERAL 2-20/GRRV</u>	API: <u>43-047-31275</u>	Entity: <u>2675</u>	Sec <u>20</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-49656</u>
Name: <u>BRENNAN FED 15-8/GRRV</u>	API: <u>43-047-31272</u>	Entity: <u>8405</u>	Sec <u>8</u> Twp <u>7S</u> Rng <u>21E</u>	Lease Type: <u>U-49656</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 8-3-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 8-6-93) *mailed Rules & Regs. (Rec'd 8-13-93)*
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: _____. *(8-6-93) (9-9-93 "Letter mailed")*
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-9-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(9-9-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(9-9-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-9-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Lee 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 9.20 1993.

FILING

- Lee 1. Copies of all attachments to this form have been filed in each well file.
- Lee 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930969 BLM/Kemel Approved 9-2-93.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/15/2012

FROM: (Old Operator):

N8195- Mar/Reg Oil Company
P.O. Box 18148
Reno, NV. 89511

Phone: 1 (775) 852-7444

TO: (New Operator):

N3700- QEP Energy Company
1050 17th Street Suite 500
Denver, CO. 80265

Phone: 1 (303) 672-6900

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BRENNAN FED 15-8	8	070 S	210E	4304731272	8405	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/30/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/30/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/30/2012
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: Yes
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/30/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/30/2012
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number:
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

QEP Energy Company

3. ADDRESS OF OPERATOR:

1050 17th Street Suite 500 CITY Denver

STATE CO

ZIP 80265

PHONE NUMBER:

(303) 672-6900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 625' FSL, 1970' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 8 7S 21E S

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-49656

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Brennan Federal 15-8

9. API NUMBER:

4304731272

10. FIELD AND POOL, OR WILDCAT:

Brennan Bottom

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 15, 2012, Mar/Reg Oil Company resigns as operator of record and recognizes QEP Energy Company as the successor operator.

Rhonda Ahmad 5/17/2012
Rhonda Ahmad Date
President, Mar/Reg Oil Company
P. O. Box 18148
Reno, NV 89511
N 8195

Effective May 15, 2012, QEP Energy Company accepts all responsibility as designated operator for this well, including all terms and conditions of the lease as well as compliance with all rules and regulations of applicable agencies. Bond coverage is provided by our:

State Bond # 965-010-695

Federal Bond # ESB000024

Austin S. Murr 5/22/12
Austin S. Murr Date
Vice President, Land & Business Development
QEP Energy Company
1050 17th Street, Suite 500
Denver, CO 80265
N 3700

NAME (PLEASE PRINT)

Rhonda Ahmad

TITLE

President

SIGNATURE

Rhonda Ahmad

DATE

5/17/2012

(This space for State use only)

APPROVED *5/30/2012*

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

email
RECEIVED

MAY 31 2012

RECEIVED

JUN 01 2012

Div. of Oil, Gas & Mining DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-49656
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BRENNAN FED 15-8	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047312720000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext	9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0623 FSL 1967 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 08 Township: 07.0S Range: 21.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/13/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="CONFIDENTIAL"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS
"CONFIDENTIAL".

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 13, 2012

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A		DATE 6/13/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-49656																														
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: UTAH																														
STATE: UTAH																																
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input checked="" type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
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<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>																														
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP Energy Company requests approval to re-enter the existing well bore for the Brennan Federal 15-8 and drill a horizontal oil well to test the G-1 Lime of the Green River Formation. Bottom Hole Footages are: Lateral #1: 660' FNL, 1320' FEL, Sec.8, T7S, R21E, Lease UTU-49656, TD: 10,554' MD. Ammended surface location footages are: 623' FSL, 1967' FEL, Sec. 8, T7S, R21E. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package.																																
Approved by the Utah Division of Oil, Gas and Mining																																
Date: <u>06-14-12</u> By: <u>[Signature]</u>																																
Federal Approval of this Action is Necessary																																
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst																														
SIGNATURE N/A	DATE 5/31/2012																															

T7S, R21E, S.L.B.&M.

QEP ENERGY COMPANY

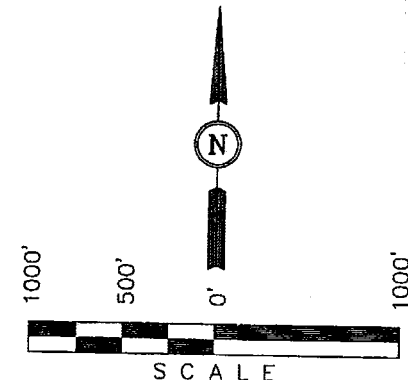
Well location, BRENNAN FEDERAL #15-8
(DEEPENING), located as shown in the SW 1/4 SE
1/4 of Section 8, T7S, R21E, S.L.B.&M., Uintah
County, Utah.

BASIS OF ELEVATION

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION
21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN,
QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 4832 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



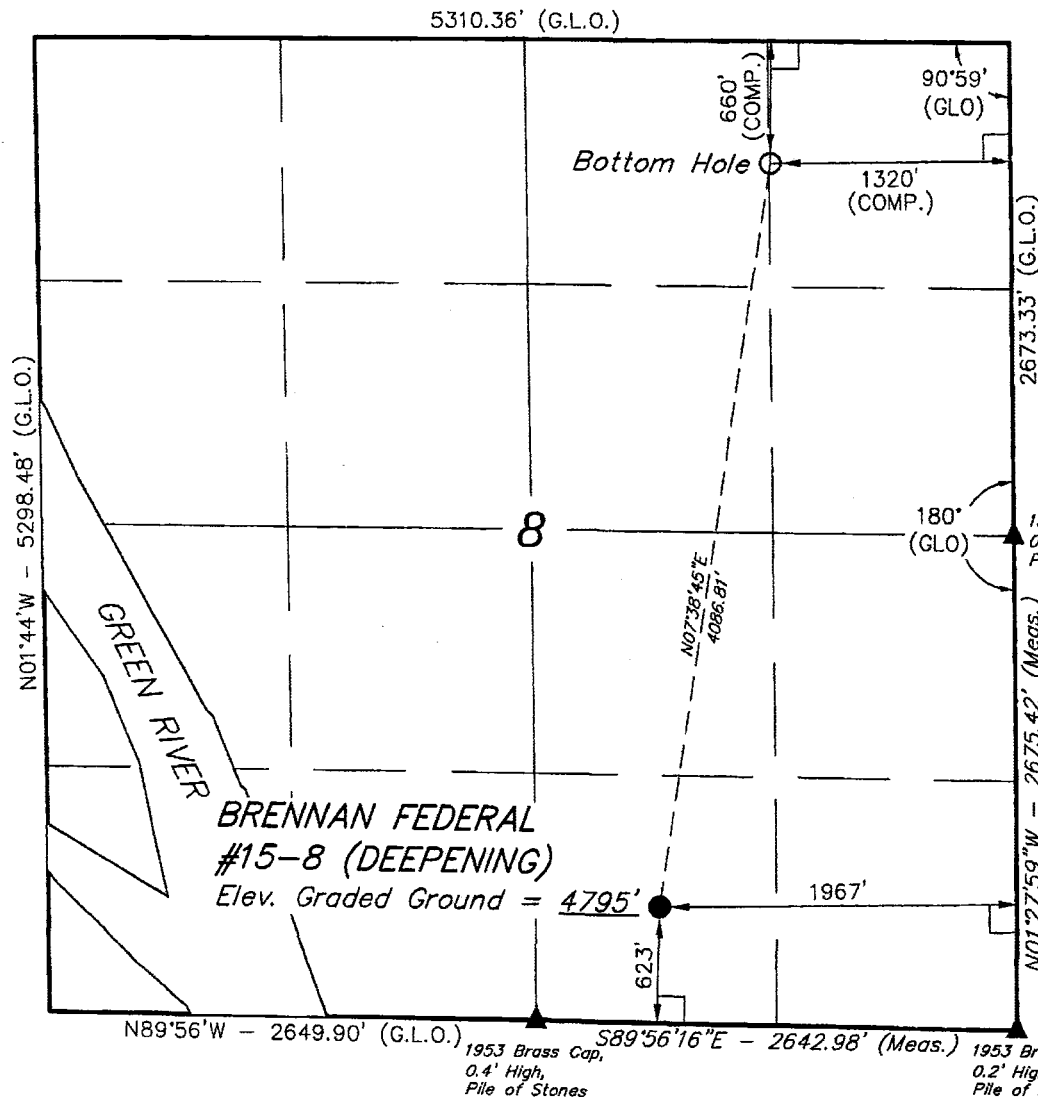
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-30-11	DATE DRAWN: 09-20-11
PARTY A.F. M.H. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QEP ENERGY COMPANY	



LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°13'53.02" (40.231394)	LATITUDE = 40°13'13.00" (40.220278)
LONGITUDE = 109°34'31.16" (109.575322)	LONGITUDE = 109°34'38.12" (109.577256)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°13'53.15" (40.231431)	LATITUDE = 40°13'13.13" (40.220314)
LONGITUDE = 109°34'28.67" (109.574631)	LONGITUDE = 109°34'35.63" (109.576564)

Sundry Number: 26264 API Well Number: 43047312720000

QEP ENERGY COMPANY

Brennan Federal 15-8

API: 43-047-31272

Summarized Re-Entry Procedure

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. Remove existing downhole pumping equipment and squeeze all existing perfs.
4. Set CIPB at +/- 6,285'
5. RD pulling unit, move off location.
6. MIRU drilling rig.
7. NU and test rig's 3M BOPE.
8. RIH with whipstock, orient and set whipstock on top of CIBP.
9. Mill window.
10. Build curve to land in the G1 Lime.
11. Continue drilling 4-3/4" lateral according to directional plan to TD at 10,554'.
12. RIH with 3-1/2" 9.2# L-80 slotted and blank tubing to TD.
13. Hang liner top 100' above the window.
14. RIH and set CBP @ +/- 4,000' to isolate lateral.
15. ND BOP's.
16. RDMOL.

QEP ENERGY COMPANY

BRENNAN FEDERAL 15-8

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL

BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Lateral Depths	
	Depth - MD (ft)	Depth - TVD (ft)
Uinta	Surface	Surface
Green River	3239	3239
X Marker	5926	5926
KOP	6263	6263
G1 Top	6785	6616
TD	10554	6687

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

SSW Lateral #1:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	G1 Lime	6,616' - 6,687'	6,785' - 10,554'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to

QEP ENERGY COMPANY**BRENNAN FEDERAL 15-8****SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL****BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL**

the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at LaPoint Recycling and Storage in Section 12, T5S R19E of Uintah County, UT or Red Wash Disposal site; SESE, Section 28, T7S, R23E or West End Disposal Site; NESE, Section 28, T7S, R22E.

3. Operator's Specification for Pressure Control Equipment

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
12 ¼"	8 5/8"	sfc	267'	24	J-55	STC	Existing	N/A
7 7/8"	5 ½"	sfc	7,074'	15.5	J-55	LTC	Existing	N/A

Casing Strengths:				Collapse	Burst	Tensile (minimum)
8 5/8"	24.0 lb.	J-55	STC	1,370 psi	2,950 psi	244,000 lb.
5 ½"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

QEP ENERGY COMPANY

BRENNAN FEDERAL 15-8

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL

BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL

The Lateral will be lined with casing.

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	6,163'	10,554'	9.2	P-110	8 – 9.5ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
3 1/2"	9.2 lb.	L-80	SCEUE	10,530 psi	10,160 psi	207,000 lb.

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. Cementing Program

No cement will be used on the 3-1/2" liner.

6. Auxilliary Equipment

- a. Kelly Cock – Yes
- b. Float at the bit – No
- c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- d. Fully opening safety valve on the rig floor – Yes
- e. Rotating Head – Yes

The Lateral will be drilled with water based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and NaCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

QEP ENERGY COMPANY

BRENNAN FEDERAL 15-8

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL

BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL

7. Testing, Logging, and Coring Program

- a. Cores – None Anticipated
- b. DST – None Anticipated
- c. Logging:
 - i. Mud logging from casing exit to TD
 - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,268 psi. Maximum anticipated bottom hole temperature is approximately 140°F.

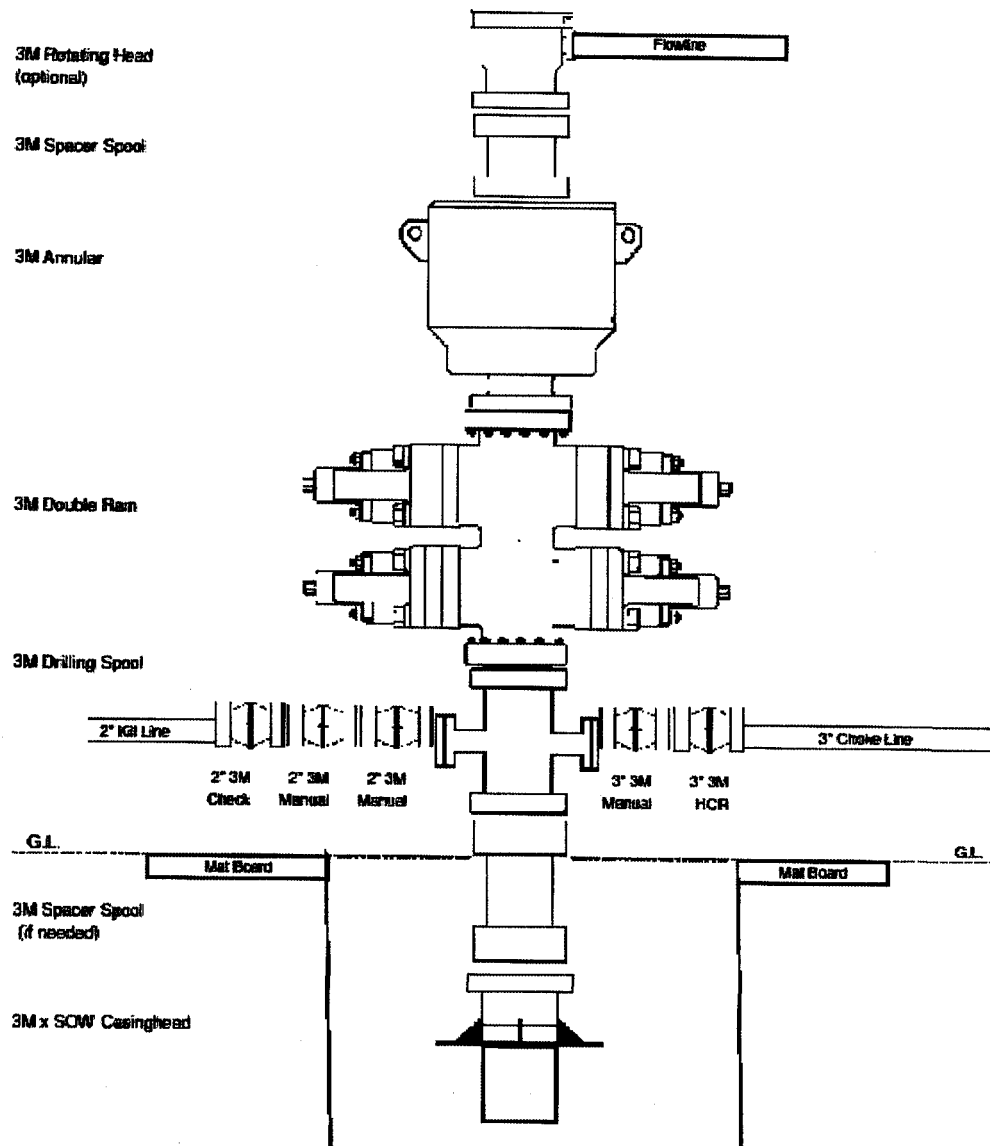
QEP ENERGY COMPANY

BRENNAN FEDERAL 15-8

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL

BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL

**3M BOP x 3M Annular
Minimum Requirements**

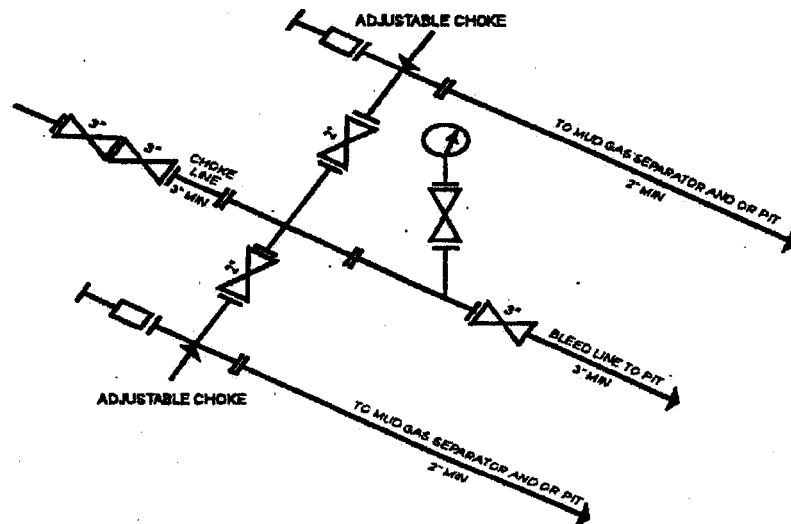


QEP ENERGY COMPANY

BRENNAN FEDERAL 15-8

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967 FEL

BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[34 FR 39528, Sept. 27, 1989]

Sundry Number: 26264 API Well Number: 43047312720000

Proposed
Brennan Federal 15-8
API# 43-047-31272

SHL: SWSE Sec 8 T7S R21E, 623' FSL & 1967' FEL

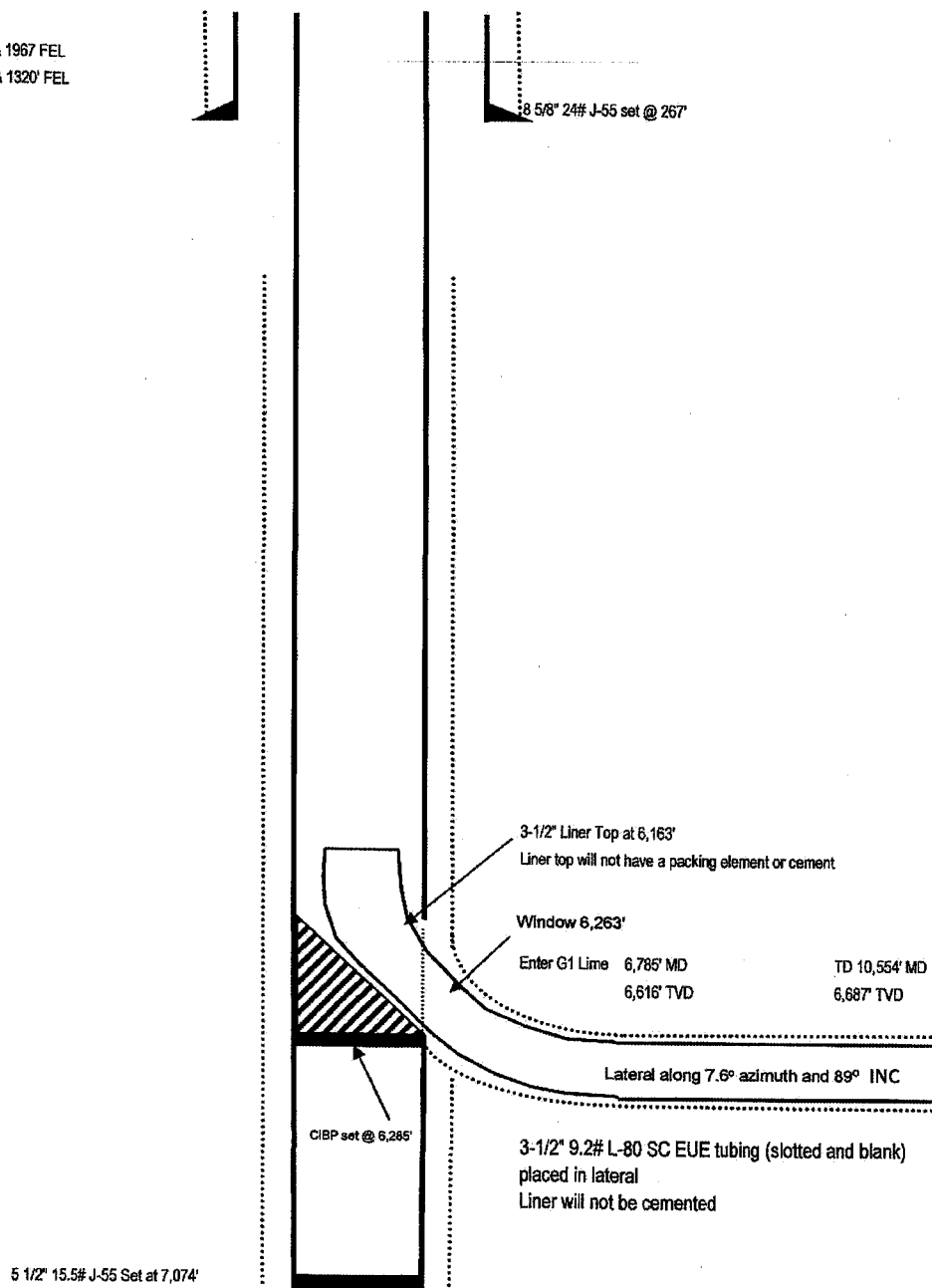
BHL: N/2NE Sec 8 T7S R21E, 660' FNL & 1320' FEL

Utah County, Utah

KB 4,809'

GL 4,795'

Original Spud Date: 7/7/83





QEP Energy Company

QEP ENERGY (UT)

Brennan Federal

Brennan Federal 15-8

Brennan Federal 15-8

Re-Entry

Plan: Plan ver.1 - Permit

Standard Planning Report

07 February, 2012



QEP Energy Company



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well Brennan Federal 15-8
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 4811.10usft (EST. RKB)
Project:	Brennan Federal	MD Reference:	RKB @ 4811.10usft (EST. RKB)
Site:	Brennan Federal 15-8	North Reference:	True
Well:	Brennan Federal 15-8	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.1 - Permit		

Project	Brennan Federal, Uintah		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	Brennan Federal 15-8		
Site Position:		Northing:	7,254,732.797 usft
From:	Lat/Long	Easting:	2,177,280.054 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40.220278
		Longitude:	-109.577256
		Grid Convergence:	1.23 °

Well	Brennan Federal 15-8		
Well Position	+N/-S	-0.03 usft	Northing: 7,254,732.768 usft
	+E/-W	0.00 usft	Easting: 2,177,280.054 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	4,795.10 usft
		Latitude:	40.220278
		Longitude:	-109.577256
		Ground Level:	4,795.10 usft

Wellbore	Re-Entry		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	12/9/2011	11.08
			Dip Angle (°)
			66.02
			Field Strength (nT)
			52,391

Design	Plan ver.1 - Permit		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	Direction (°)
	0.00	0.00	7.59

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,263.80	0.00	0.00	6,263.80	0.00	0.00	0.00	0.00	0.00	0.00	
6,820.05	89.00	7.59	6,621.84	348.77	46.47	16.00	16.00	0.00	7.59	
10,554.40	89.00	7.60	6,687.00	4,049.81	539.82	0.00	0.00	0.00	84.41	

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,263.80	0.00	0.00	6,263.80	0.00	0.00	0.00	0.00	0.00	0.00	
6,820.05	89.00	7.59	6,621.84	348.77	46.47	351.85	16.00	16.00	0.00	
10,554.40	89.00	7.60	6,687.00	4,049.81	539.82	4,085.63	0.00	0.00	0.00	



QEP Resources, Inc.
Planning Report



Database: EDMDB_QEP
Company: QEP ENERGY (UT)
Project: Brennan Federal
Site: Brennan Federal 15-8
Well: Brennan Federal 15-8
Wellbore: Re-Entry
Design: Plan ver.1 - Permit

Local Co-ordinate Reference: Well Brennan Federal 15-8
TVD Reference: RKB @ 4811.10usft (EST. RKB)
MD Reference: RKB @ 4811.10usft (EST. RKB)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,239.00	3,239.00	Green River		0.00	
5,926.00	5,926.00	X marker		0.00	
6,785.12	6,619.53	G1 Lime Top Porosity		1.00	7.59



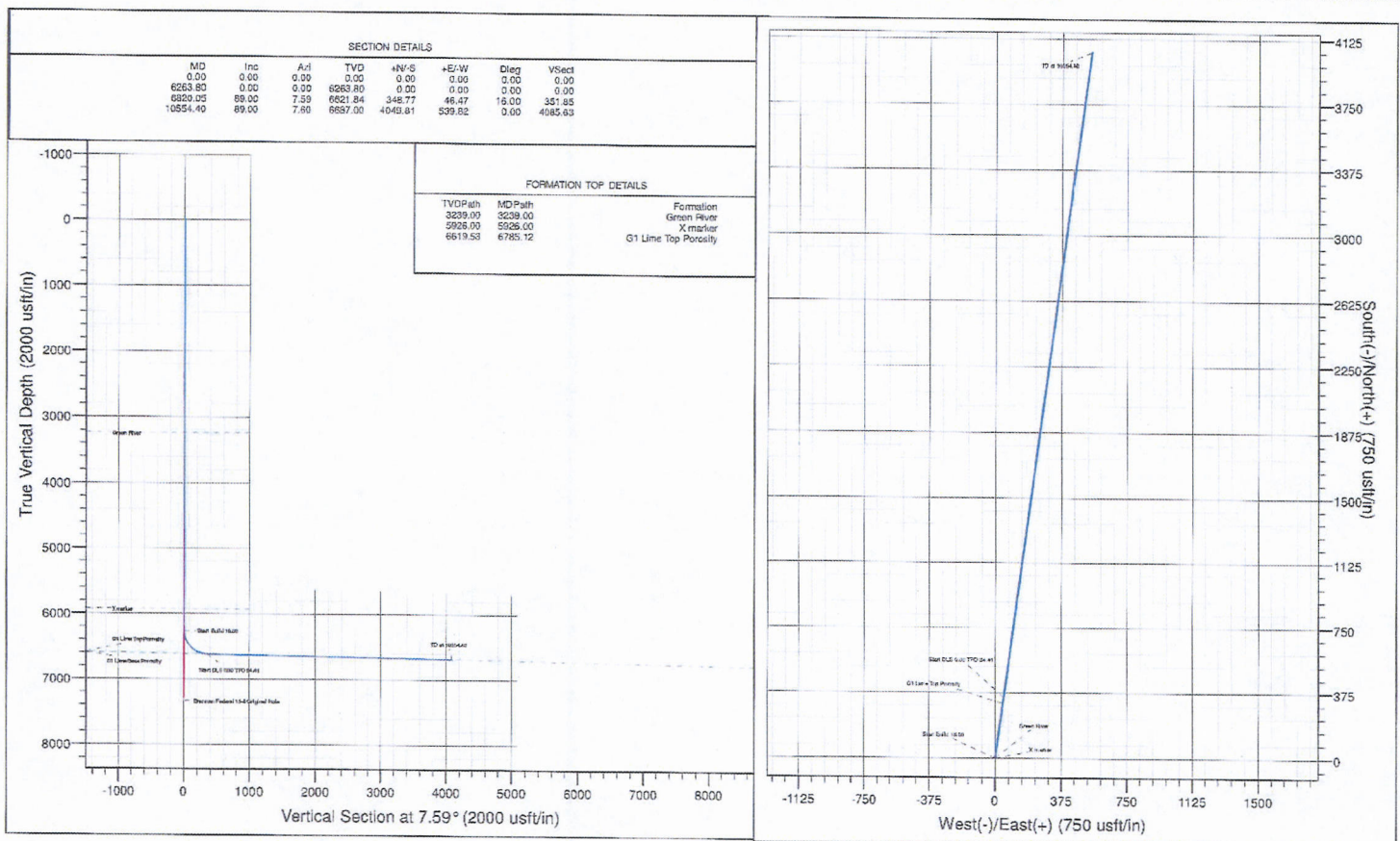
Company Name: QEP ENERGY (UT)



Approximate True North
Magnetic North 11.5°
Magnetic Declination
11.5° (2000 USFT)
Date 12/20/21
Model 12/20/21

Project: Brennan Federal
Site: Brennan Federal 15-8
Well: Brennan Federal 15-8
Wellbore: Re-Entry
Design: Plan ver.1 - Permit

WELL DETAILS: Brennan Federal 15-8							REFERENCE INFORMATION		PROJECT DETAILS: Brennan Federal	
Ground Level: 4795.10							Co-ordinate (NE) Reference: Well Brennan Federal 15-8, True North		Goodfellow System: US State Plane 1983	
+N/S: 0.00 +E/W: 0.00 Northing: 7254732.768 Easting: 2177280.055 Latitude: 40.220278 Longitude: -109.577256 Slot:							Vertical (TVD) Reference: FKB @ 4611.10usft (EST. RKB)		Datum: North American Datum 1983	
							Section (VS) Reference: S1el: 0.00N, 0.00S		Ellipsoid: GRS 1980	
							Measured Depth Reference: FKB @ 4611.10usft (EST. RKB)		Zone: Utah Central Zone	
							Calculation Method: Minimum Curvature		System Datum: Mean Sea Level	



Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing well bore for the Brennan Federal 15-8 and drill a horizontal oil well to test the G-1 Lime of the Green River Formation. If productive, casing will be run and the well completed. If dry, the well be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Oil & Gas Order No. 1

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

Information for Lateral

Surface Location

623' FSL, 1967' FEL, SWSE, Section 8, T7S, R21E, Lease Number UTU-49656

Lateral 1

660' FNL, 1320' FEL, NENE, Section 8, T7S, R21E, Lease Number UTU-49656
4,049.81 Lateral Leg Length @ 7.60 Azimuth (See Attached Drilling Plans)
TD: 10,554' MD

**QEP ENERGY COMPANY
BRENNAN FEDERAL 15-8
SWSE, SECTION 8, T7S, R21E
UINTAH COUNTY, UT
LEASE # UTU-49656**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the Brennan Federal 15-8 on November 30, 2012. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Aaron Roe	Bureau of Land Management
Kevin Sadlier	Bureau of Land Management
Dixie Sadlier	Bureau of Land Management
Holly Villa	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Eric Wickersham	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

The proposed well site is located approximately 29 miles south of Vernal, Utah.

-See attached TOPO Map "A".

Existing roads will be upgraded, maintained and repaired as necessary.

2. Planned Access Roads:

A BLM right-of-way will be required for the portion of the access road that travels off lease. Approximately 1,185' in length, 30' in width, containing .816 acres of access road to be upgraded will be located off lease. This portion of the access road is located in Section 9, T7S, R21E.

There will be a no new access road required. The existing road will be upgraded and repaired as necessary. The length on the road requiring upgrade is approximately 3,251' in length, 30' in width, containing approximately 2.239 acres (1,185' of this will be off lease as mentioned above).

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the State.

Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards.

If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed.

All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards.

The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed.

Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided.

When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access

3. **Location of Existing Wells Within a 1-Mile Radius:**

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the BLM.

It was determined on the onsite by the BLM VFO/AO that the facilities will be painted Covert Green.

Surface gas pipelines will be constructed in accordance with the following guidance:

GAS SALES LINE: The pipeline will be unpainted steel, 4" inside diameter, welded, schedule # 20 or greater surface line. The pipeline will be 9,230' in total length, containing approximately 6.357 acres. The pipeline will be strung along the proposed pipeline route and welded into place. The pipeline will tie into our existing line located on the Brennan 3, Sec. 17, T7S, R21E.

A State right-of-way will be required for the part of the pipeline that travels off lease. Approximately 3,688' in length, 30' in width, containing approximately 2.54 acres, of pipeline as proposed will be located on state lease ML-40904, Section 16, T7S, R21E. QEP Energy Company will apply for the proper right-of-way.

The portion of the pipeline located in Section 8, 9 and 17, T7S, R21E on BLM administered lands, will be 5,542' in length, 30' in width, containing approximately 3.816 acres.

FUEL GAS LINE: The pipeline will be a 2" inside diameter, poly pipe with a rating of 160 psi or greater. The line will be laid adjacent to the gas sales line following the line to location.

Surface Pipelines

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

5. Location and Type of Water Supply:

Fresh water will be obtained from Wonsits Valley water right # 49-251 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. Fresh water may also be obtained from Neil Moon Pond water right #43-11787, or Myton City Water, Myton, Utah

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary; the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

Disposal of Produced Water:

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order # 7, all produced water will be contained in tanks on location.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to the following pre-approved disposal site:

West End Disposal located in the NESE, Section 28, T7S, R22E
NBE 12 SWD-10-9-23 located in the NWSW, Section 10, 9S, 23E
Lapoint Recycle & Storage located in Sec. 12, T5S, R19E, Uintah County, UT

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

This will be an independent well location. Product will be contained in two 500 bbl tanks and then transported from location to delivery site.

A suitable muffler will be installed on pumping unit to help reduce noise control.

9. Well Site Layout:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit or flare box, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

11. Reclamation Plan:

Reclamation will follow QEP Energy Company, Uinta Basin Division's Reclamation Plan, September 2009 (QEP Energy Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disced if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in QEP Energy Company's Reclamation Plan. Weed control will be conducted as stated in QEP Energy Company's Reclamation Plan.

A reference site and weed data sheet have been established and are included in this application.

Please see attached Weed Data Sheet.

Dry Hole/Abandoned Location:

On lands administered by the BLM abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed

with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

12. Surface Ownership:

The well pad and access road are located on lands owned by:
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

13. Other Information:

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands or State administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM Authorized Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on January 23, 2012, **State of Utah Antiquities Report U-11-MQ-1040b,s** by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on November 7, 2011 **Report No. IPC 11-149** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the onsite meeting on November 30, 2011, the following items were requested/discussed.

There is 4" topsoil.

There is a Bald Eagle Stipulation from January 1 to August 31. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

There is a Burrowing Owl Stipulation from March 1 to August 31. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive

QEP ENERGY COMPANY
BRENNAN FEDERAL #15-8
LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T7S, R21E, S.L.B.&M.

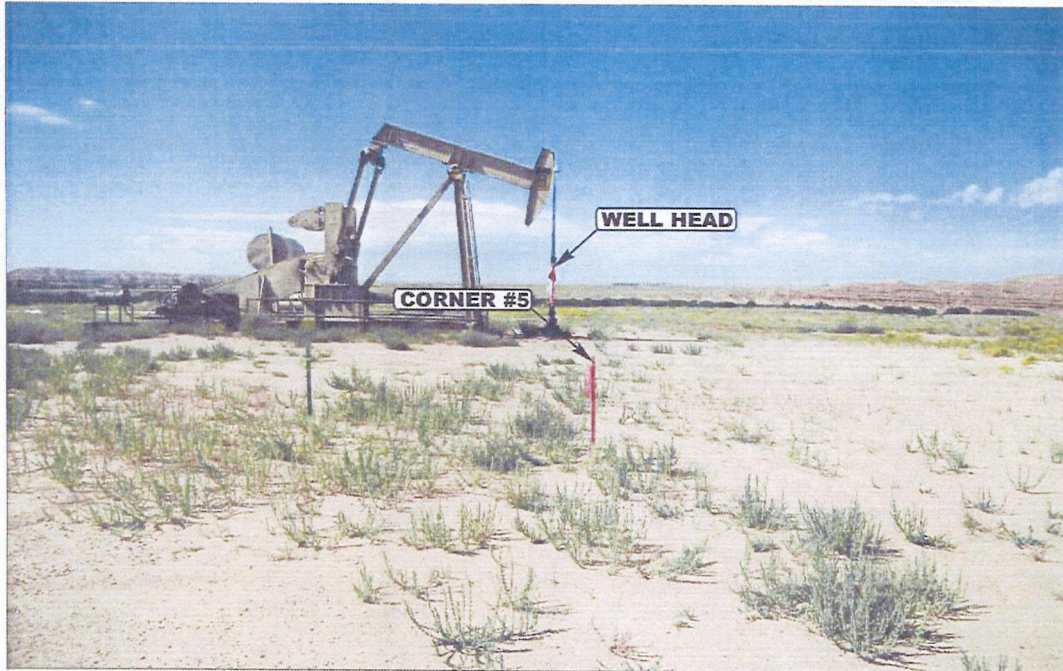


PHOTO: VIEW FROM CORNER #5 TO LOCATION

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHWESTERLY



UELS

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

09 **01** **11**
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: C.I.

REVISED: 00-00-00

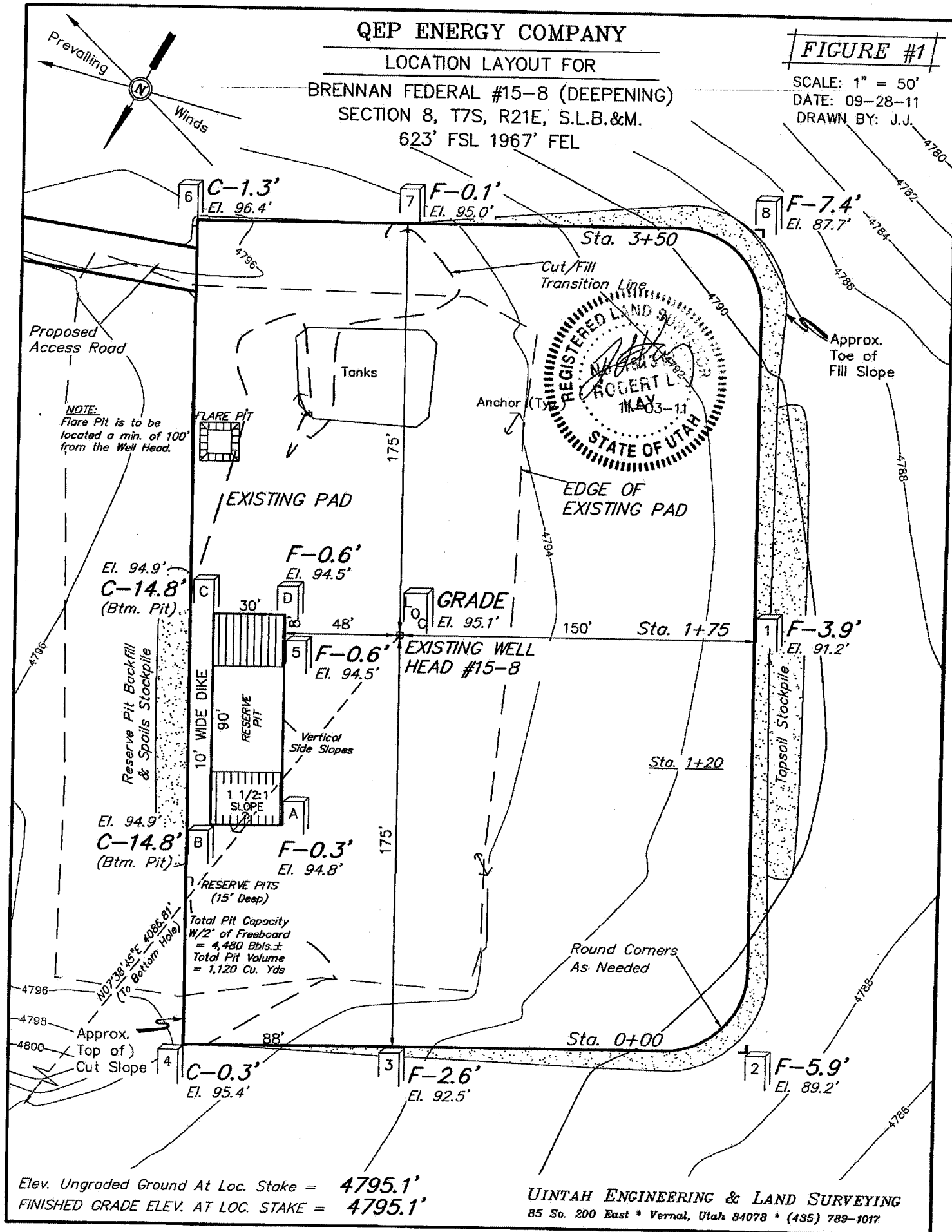
QEP ENERGY COMPANY

LOCATION LAYOUT FOR

BRENNAN FEDERAL #15-8 (DEEPENING)
SECTION 8, T7S, R21E, S.L.B.&M.
623' FSL 1967' FEL

FIGURE #1

SCALE: 1" = 50'
DATE: 09-28-11
DRAWN BY: J.J.



QEP ENERGY COMPANY

TYPICAL CROSS SECTIONS FOR

BRENNAN FEDERAL #15-8 (DEEPENING)

SECTION 8, T7S, R21E, S.L.B.&M.

623' FSL 1967' FEL

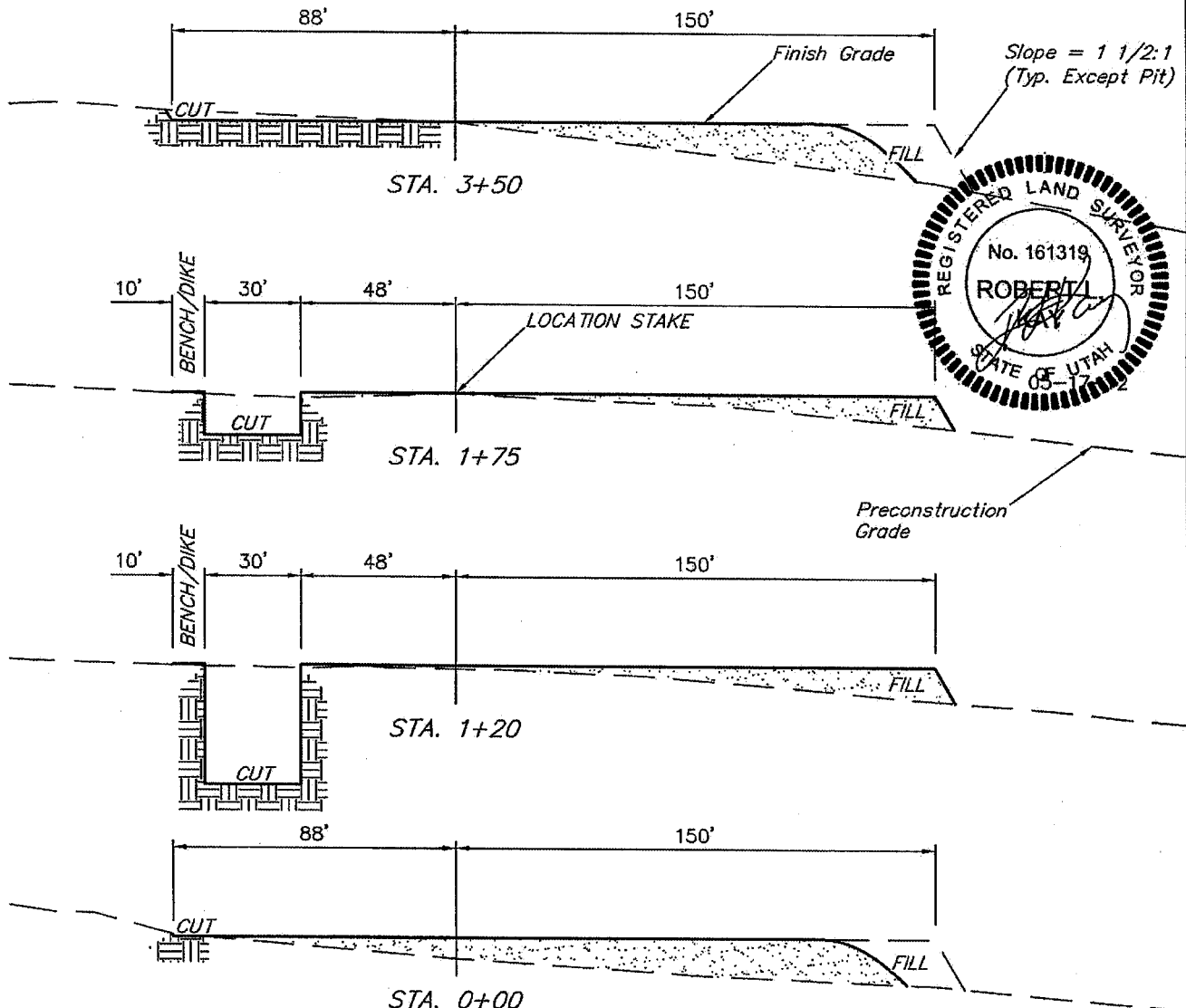
FIGURE #2

1" = 20'
X-Section
Scale
1" = 50'

DATE: 09-28-11

DRAWN BY: J.J.

REV: 05-17-12 K.O.



APPROXIMATE ACREAGES
EXISTING DISTURBANCE
WITHIN PROPOSED WELL SITE = ± 0.900 ACRES
REMAINING PROPOSED
WELL SITE DISTURBANCE = ± 1.243 ACRES
ACCESS ROAD DISTURBANCE = ± 2.239 ACRES
PIPELINE DISTURBANCE = ± 6.357 ACRES
TOTAL = ± 10.739 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 910 Cu. Yds.
(New Construction Only)
Remaining Location = 1,130 Cu. Yds.
TOTAL CUT = 2,040 CU.YDS.
FILL = 5,790 CU.YDS.

DEFICIT MATERIAL = <3,750> Cu. Yds.
Topsoil & Pit Backfill = 1,470 Cu. Yds.
(1/2 Pit Vol.)
DEFICIT UNBALANCE = <5,220> Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QEP ENERGY COMPANY

TYPICAL RIG LAYOUT FOR

BRENNAN FEDERAL #15-8 (DEEPENING)

SECTION 8, T7S, R21E, S.L.B.&M.

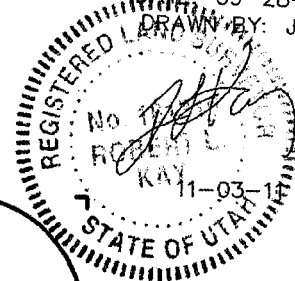
623' FSL 1967' FEL

FIGURE #3

SCALE: 1" = 50'

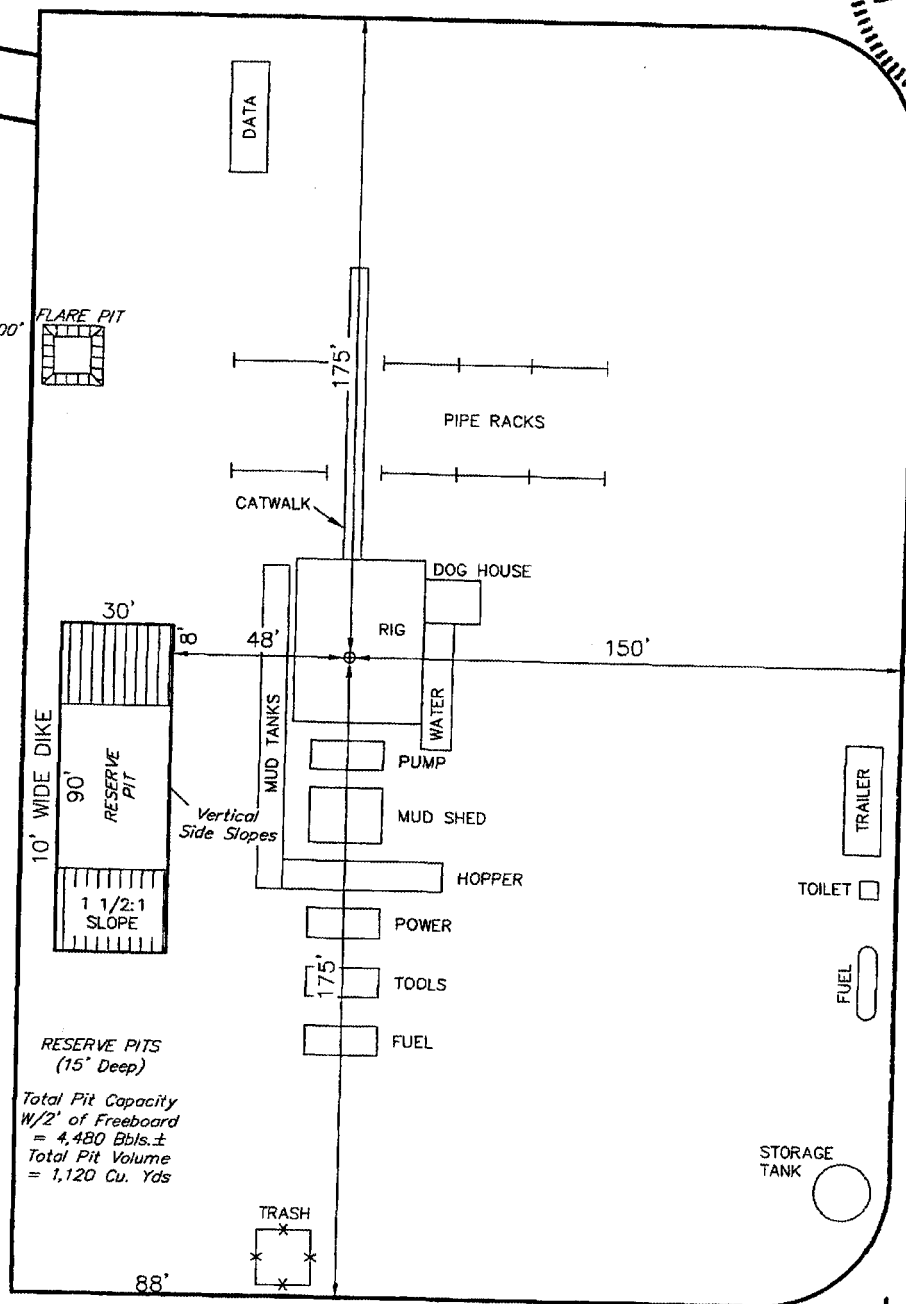
DATE: 09-28-11

DRAWN BY: J.J.



Access Road

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



RESERVE PITS
(15' Deep)
Total Pit Capacity
W/2' of Freeboard
= 4,480 Bbls.±
Total Pit Volume
= 1,120 Cu. Yds

QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

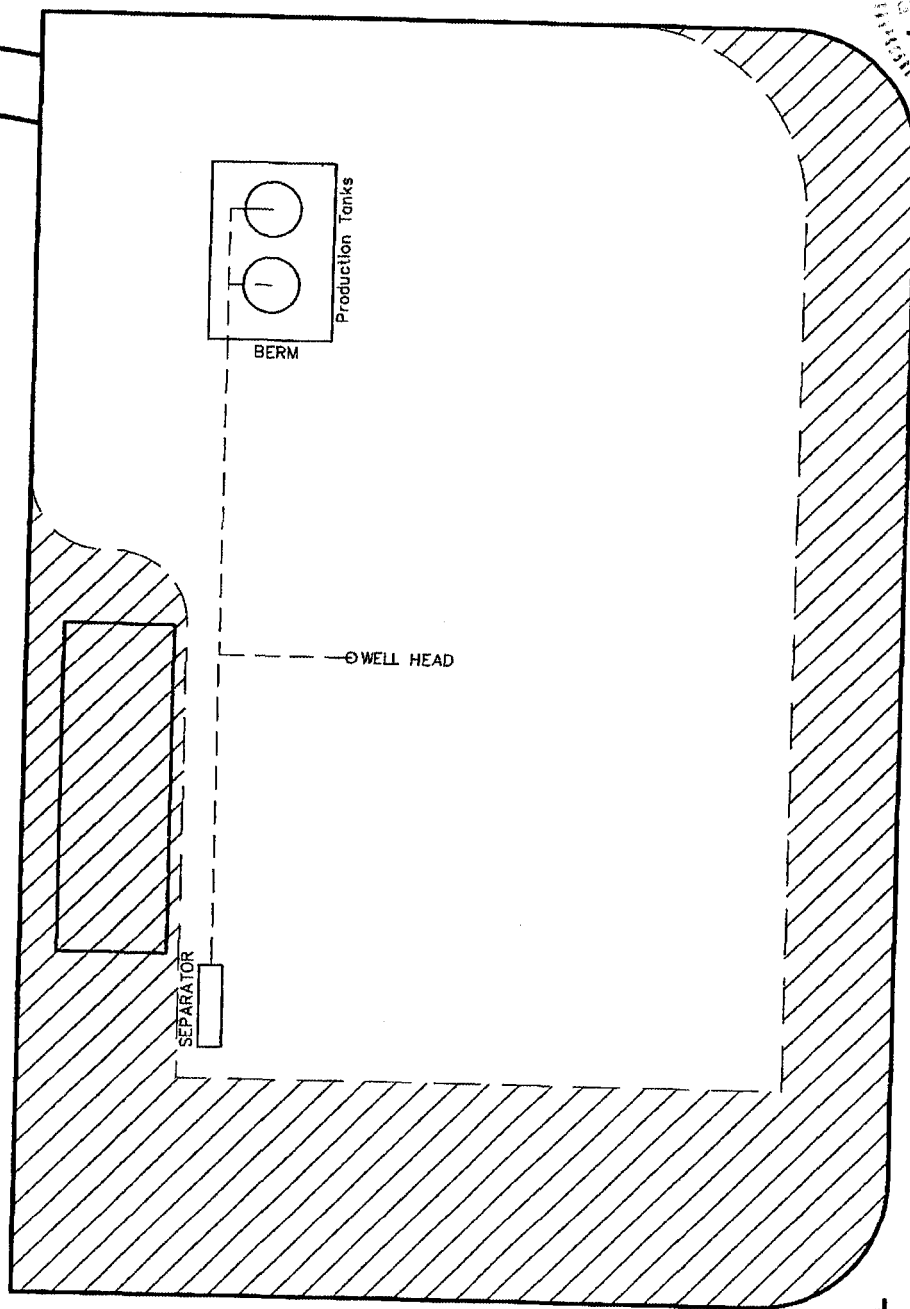
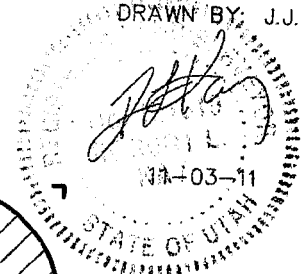
**BRENNAN FEDERAL #15-8 (DEEPENING)
SECTION 8, T7S, R21E, S.L.B.&M.
623' FSL 1967' FEL**

FIGURE #4

SCALE: 1" = 50'

DATE: 09-28-11

DRAWN BY: J.J.



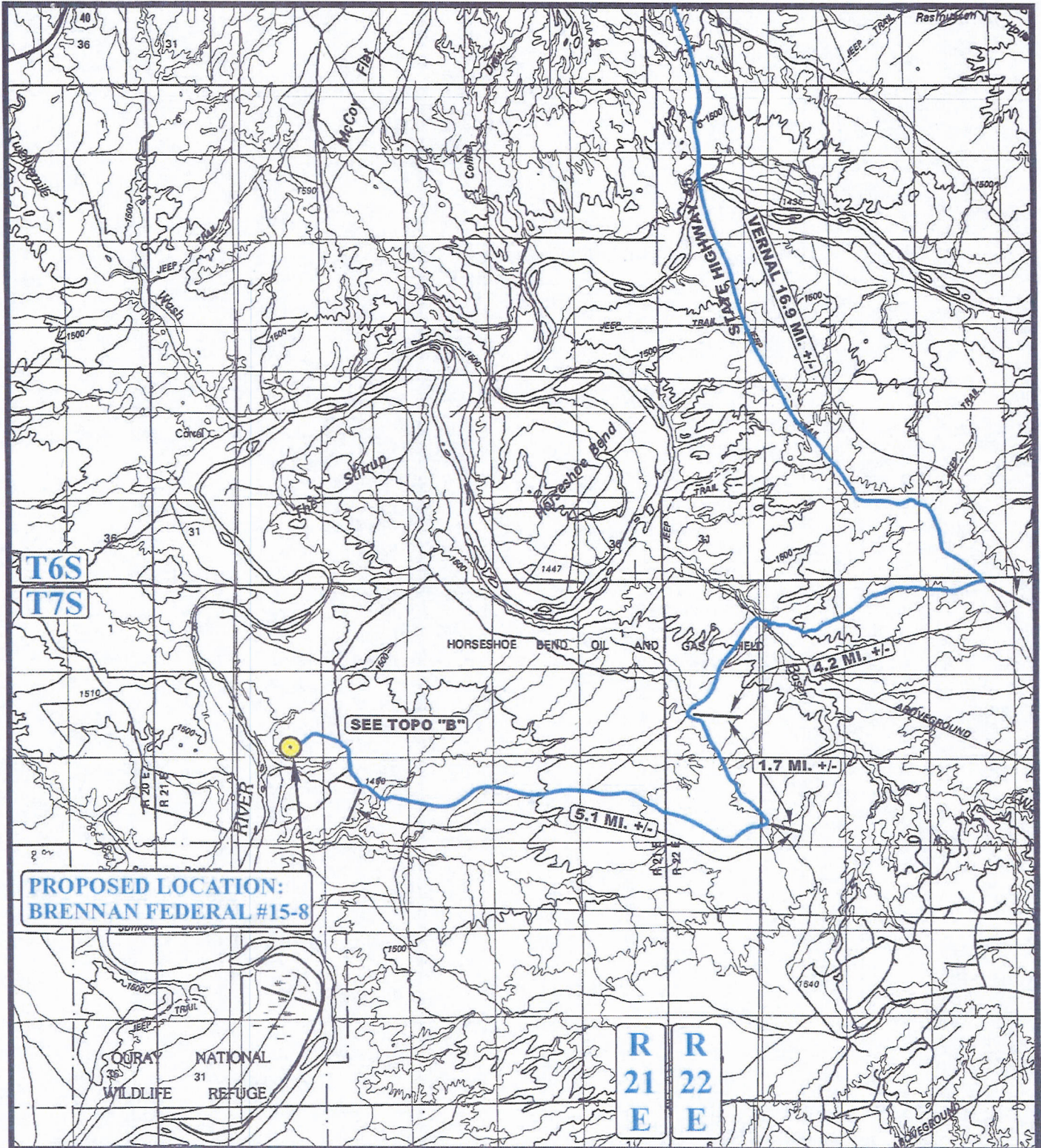
RECLAIMED AREA

QEP ENERGY COMPANY

BRENNAN FEDERAL #15-8
SECTION 8, T7S, R21E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 13.0 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3,251' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.1 MILES.



PROPOSED LOCATION:
BRENNAN FEDERAL #15-8

LEGEND:

● PROPOSED LOCATION



QEP ENERGY COMPANY

BRENNAN FEDERAL #15-8
SECTION 8, T7S, R21E, S.L.B.&M.
623' FSL 1967' FEL



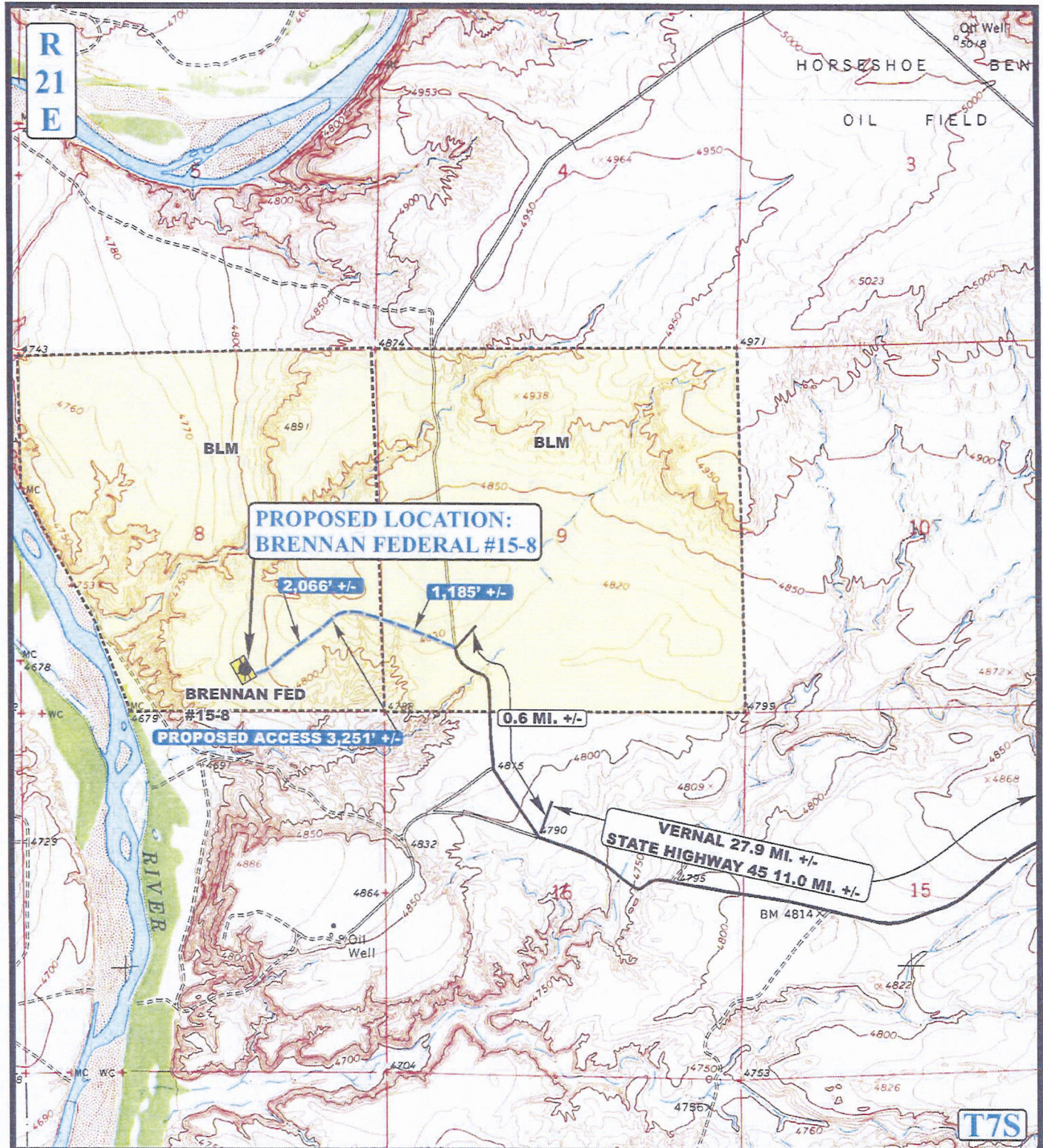
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

09 01 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.I. REVISED: 00-00-00





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- EXISTING ROAD NEEDS UPGRADED
- BLM LANDS



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 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



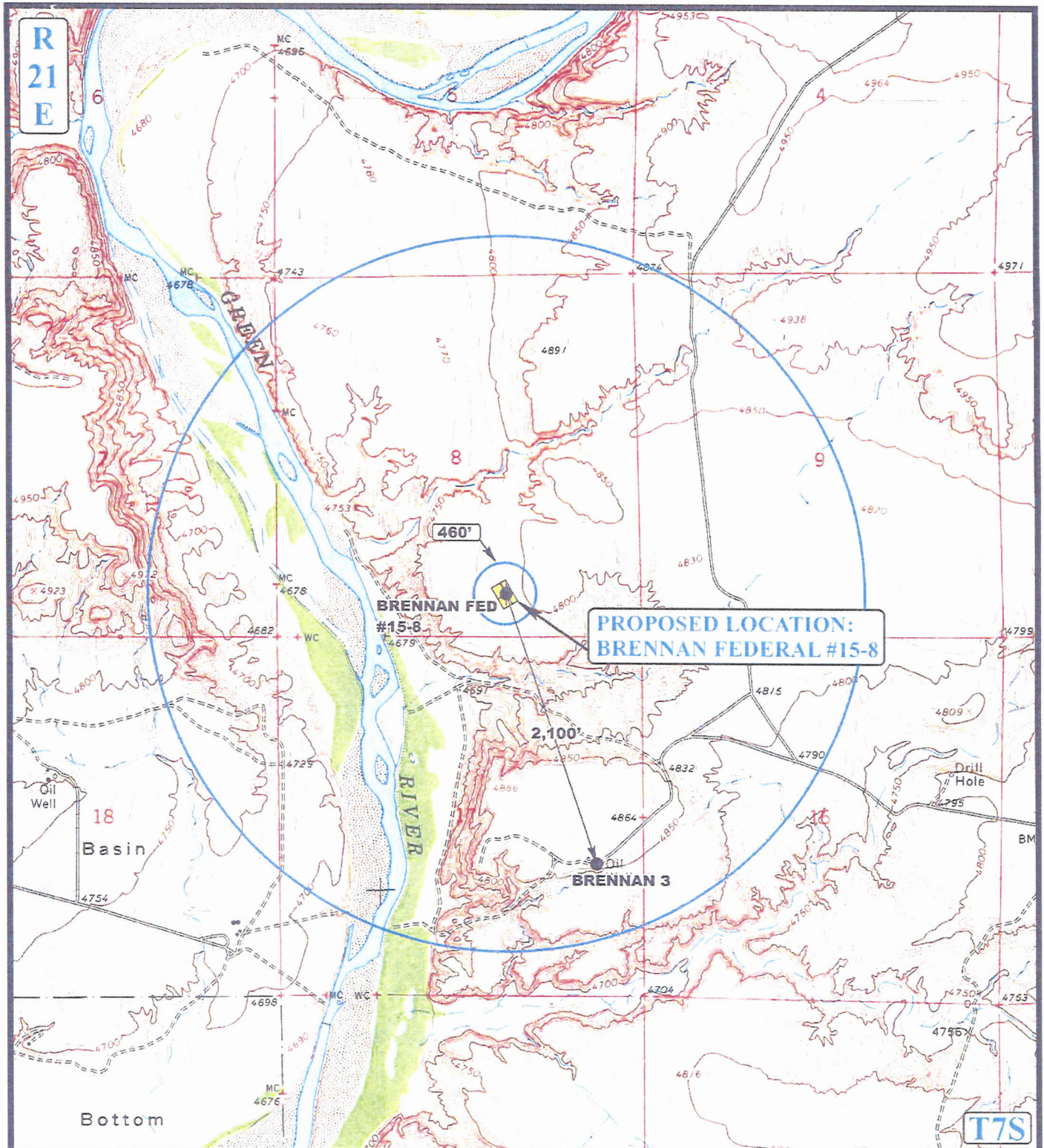
QEP ENERGY COMPANY

BRENNAN FEDERAL #15-8
SECTION 8, T7S, R21E, S.L.B.&M.
 623' FSL 1967' FEL

ACCESS ROAD
M A P
 SCALE: 1" = 2000' DRAWN BY: C.J. REVISED: 00-00-00

09 01 11
 MONTH DAY YEAR

B
 TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

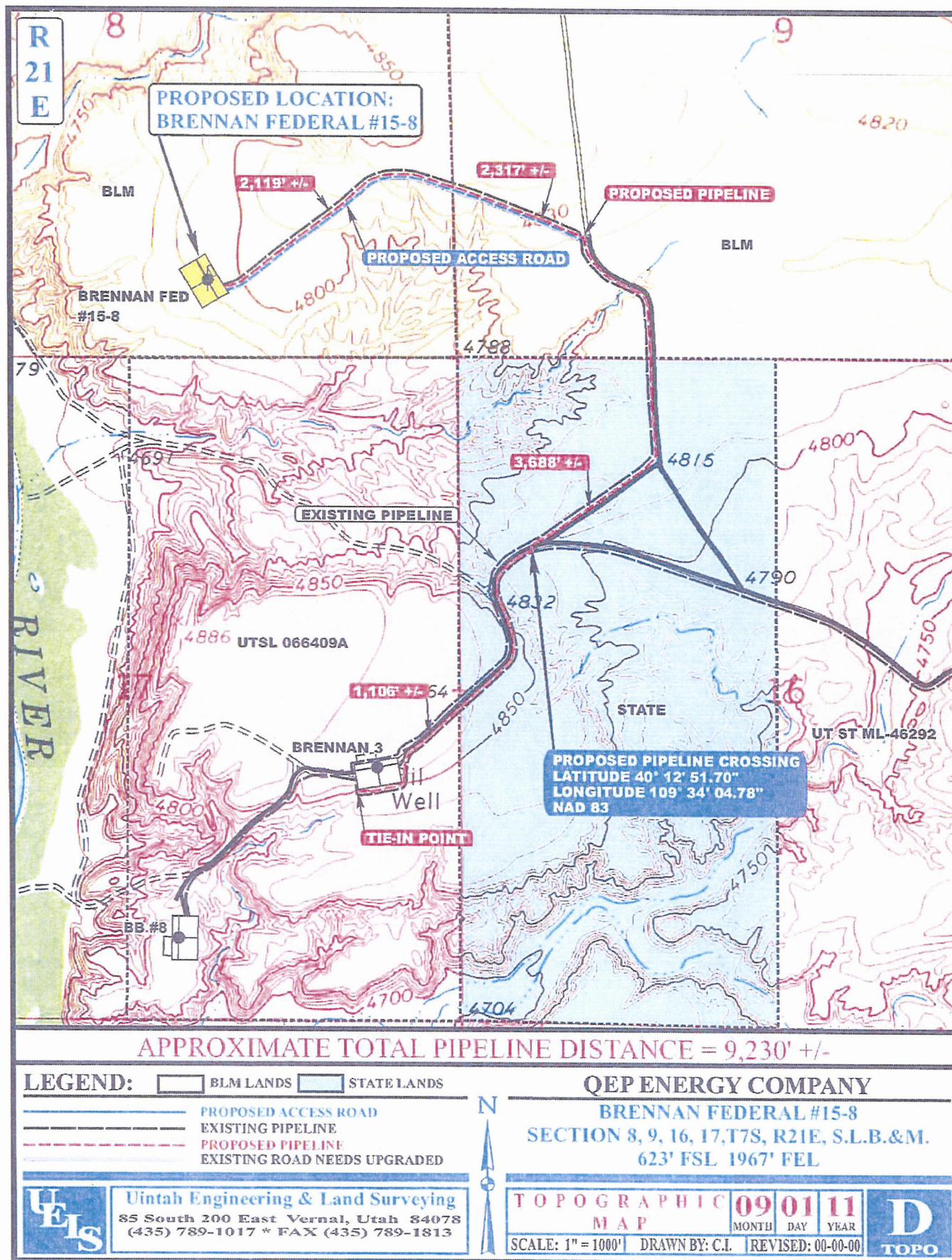


QEP ENERGY COMPANY

BRENNAN FEDERAL #15-8
SECTION 8, T7S, R21E, S.L.B.&M.
623' FSL 1967' FEL

TOPOGRAPHIC MAP
SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00





QEP ENERGY COMPANY
REFERENCE MAP: AREA OF VEGETATION
BRENNAN FEDERAL #15-8
LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T7S, R21E, S.L.B.&M.



NOTE:

BEGINNING OF REFERENCE AREA

NAD 83 Z12 UTM NORTHING: 108578.720

NAD 83 Z12 UTM EASTING: 35761.787

(NAD 83) LATITUDE: 40.220517

(NAD 83) LONGITUDE: -109.579069

END OF REFERENCE AREA

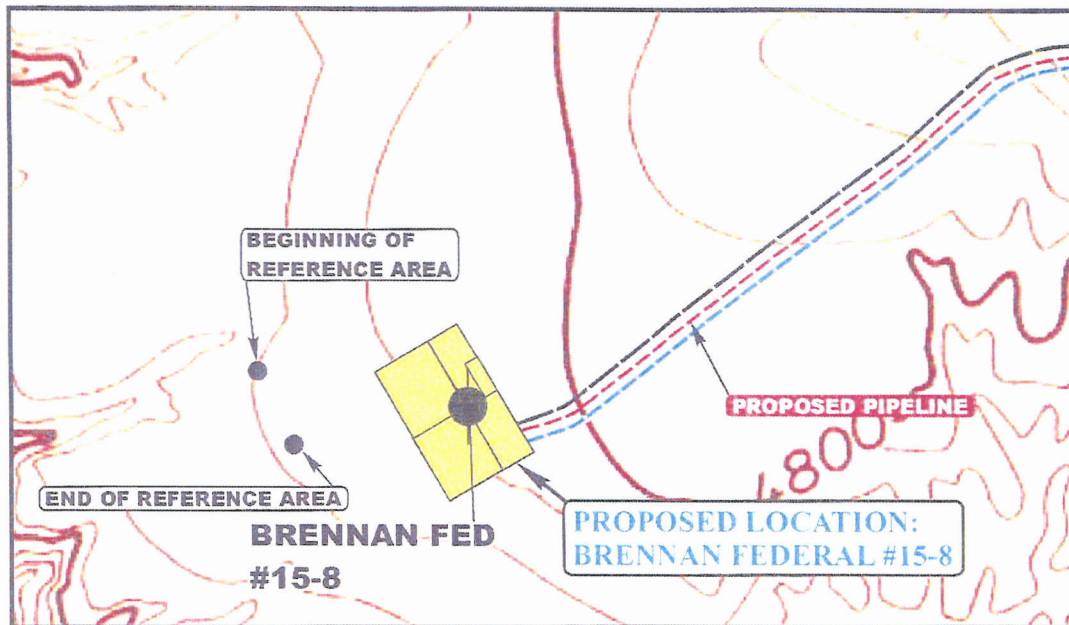
NAD 83 Z12 UTM NORTHING: 108398.962

NAD 83 Z12 UTM EASTING: 35849.067

(NAD 83) LATITUDE: 40.220025

(NAD 83) LONGITUDE: -109.578756

PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

SCALE: 1" = 300'

12 06 11
MONTH DAY YEAR

REF.

TAKEN BY: A.E.

DRAWN BY: C.I.

REVISED: 00-00-00

WEED DATA SHEETPROJECT NAME: Brennan Federal 15-8
SURVEYOR: Stephanie Tomkinson

DATE: 11-30-11

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

No NOXIOUS weeds on
location.

*Cover Class - estimated percent cover, by species, of the infestation

- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low - occasional plants)
- 3 = Six to twenty-five % (moderate - scattered plants)
- 4 = Twenty-five to 100 % (high - fairly dense)

*Pattern - pattern of the infestation

- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

*Infestation Size - number of estimated acres of the infestation

- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 4

Russian thistle canopy cover: 4

Halimololus canopy cover: 4

Kochia canopy cover: 4

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/31/2012

API NO. ASSIGNED: 43-047-31272

WELL NAME: BRENNAN FED 15-8

OPERATOR: QEP ENERGY COMPANY (N3700)

CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:

SWSE 08 070S 210E

SURFACE: 0623 FSL 1967 FEL

BOTTOM: 0660 FNL 1320 FEL

COUNTY: Uintah

LATITUDE: 40.22026 LONGITUDE: -109.57726

UTM SURF EASTINGS: 621056 NORTHINGS: 4453175

FIELD NAME: BRENNAN BOTTOM (560)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-49656

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

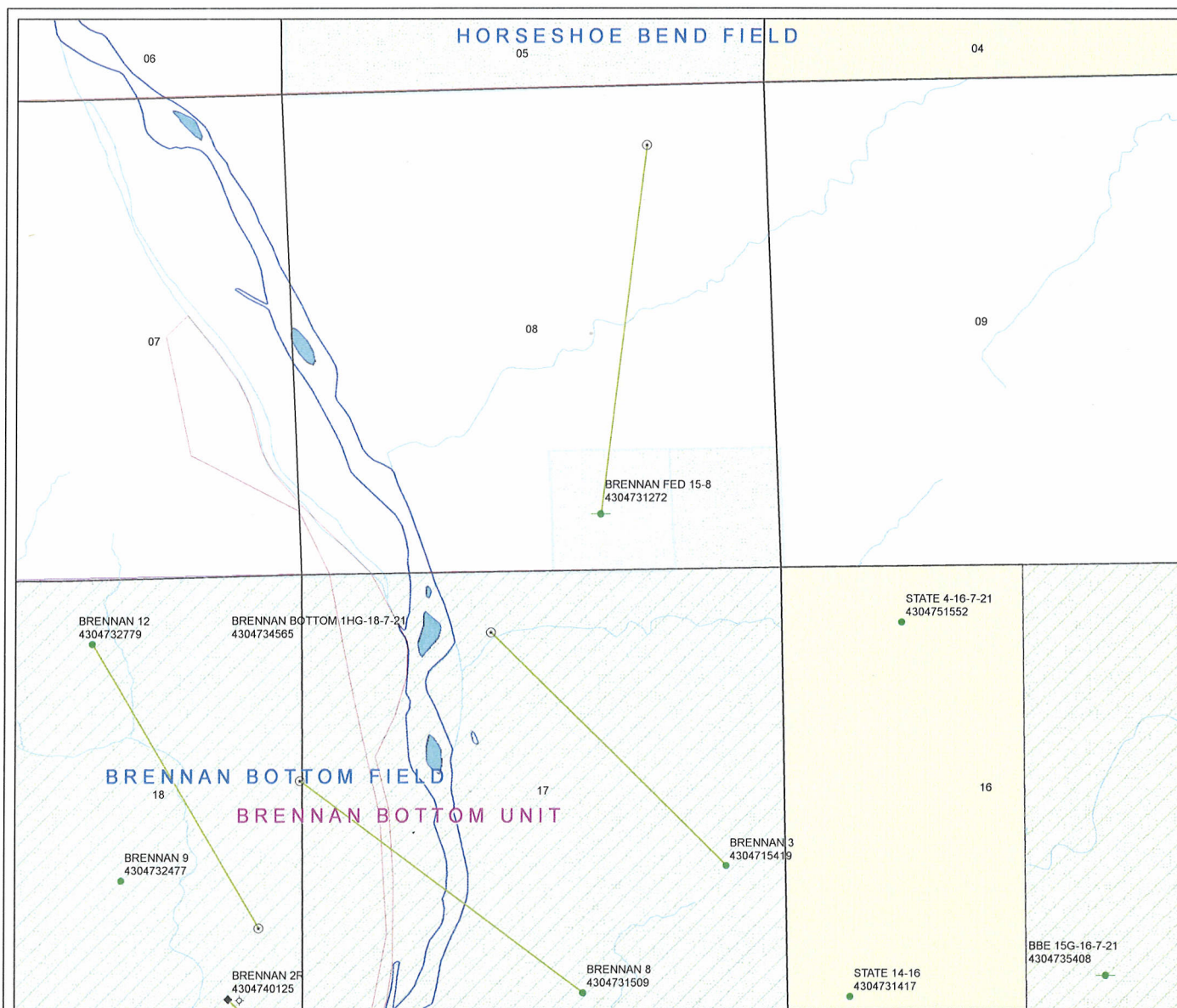
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-2153)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3. * Horizontal
Unit: _____
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS: 640 Area Spacing

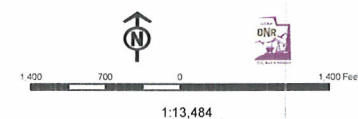
STIPULATIONS: 1- Federal Approval
2- Spacing



API Number: 4304731272
Well Name: BRENNAN FED 15-8
Township T0.7 . Range R2.1 . Section 08
Meridian: SLBM
Operator: QEP ENERGY COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GW - Gas Injection
NP PP OIL	GS - Gas Storage
NP SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
	TA - Temp. Abandoned
	TW - Test Well
	WDW - Water Disposal
	WW - Water Injection Well
	WSW - Water Supply Well
Fields	
STATUS	
Unknown	
ABANDONED	
ACTIVE	
COMBINED	
INACTIVE	
STORAGE	
TERMINATED	





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 14, 2012

QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

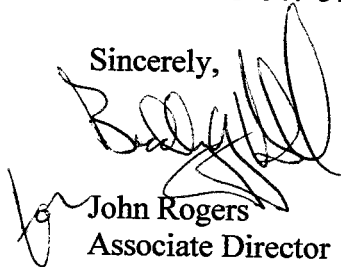
Subject: Brennan Fed 15-8 Well, Surface Location 623' FSL, 1967' FEL, SW SE, Sec. 8, T. 7 South, R. 21 East, Bottom Location 660' FNL, 1320' FEL, NE NE, Sec. 8, T. 7 South, R. 21 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-2-3. The expected producing formation or pool is the G-1 Lime of the Green River Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-31272.

Sincerely,



John Rogers
Associate Director

JR/js
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: QEP Energy Company
Well Name & Number Brennan Fed 15-8
API Number: 43-047-31272
Lease: U-49656

Surface Location: SW SE **Sec. 8** **T. 7 South** **R. 21 East**
Bottom Location: NE NE **Sec. 8** **T. 7 South** **R. 21 East**

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. A temporary 640 acre spacing unit is hereby established in Section 8, Township 7 South, Range 21 East, for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>

43-047-31272.

CONFIDENTIAL



IN REPLY REFER TO:
3162.3 (UTG011)

JUN 13 2012

Debra K. Stanberry
QEP Energy Company
1050 17th Street, Suite 500
Denver, CO 80265

Re: Change of Operator
Well No. Brennan Federal 15-8
SWSE, Sec. 8, T7S, R21E
Uintah County, Utah
Lease No. UTU-49656

Dear Ms. Stanberry:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the above referenced well. After a review by this office, the change of operator request is approved. Effective May 15, 2012, QEP Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. ESB000024, for all operations conducted on the referenced well on the leased land.

If you have any questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

RECEIVED

JUN 19 2012

DIV. OF OIL, GAS & MINING

Enclosure

cc: UDOGM
Mar/Reg Oil Company
Mar Reg Investments
Dennis A Hullinger

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS MAY 30 2012
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

BLM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU49656
2. Name of Operator QEP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: VALYN DAVIS E-Mail: valyn.davis@qepres.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395	8. Well Name and No. BRENNAN FEDERAL 15-8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T7S R21E Mer SLB SWSE 625FSL 1970FEL 40.220240 N Lat, 109.577440 W Lon		9. API Well No. 43-047-31272
		10. Field and Pool, or Exploratory BRENNAN BOTTOM
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Successor of Operator
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP ENERGY COMPANY IS REQUESTING TO BECOME THE OPERATOR OF THE BRENNAN FEDERAL 15-8.

PLEASE SEE ATTACHED SIGNED SUNDRY FORM 3160-5.


RECEIVED
JUN 19 2012
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE

ENG.	_____
GEOL.	_____
E.S.	_____
PET.	_____
RECL.	_____

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #139217 verified by the BLM Well Information System For QEP ENERGY COMPANY, sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 06/11/2012 ()	
Name (Printed/Typed) VALYN DAVIS	Title REGULATORY AFFAIRS ANALYST
Signature (Electronic Submission)	Date 05/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title Assistant Field Manager Lands & Mineral Resources	Date JUN 13 2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-49656
2. Name of Operator QEP ENERGY COMPANY		6. If Indian, Allottee, or Tribe Name n/a
3a. Address 1050 17TH STREET, SUITE 500 DENVER, COLORADO 80265		7. If Unit or CA. Agreement Name and/or No. n/a
3b. Phone No. (include area code) 303-672-6900		8. Well Name and No. Brennan Federal 15-8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW SE 625' 1970' 8 T7S R21E Long. FSL' FEL		9. API Well No. 43-047-31272
		10. Field and Pool, or Exploratory Area Brennan Bottom
		11. County or Parish, State Uintah Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	designation of operator
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed upon testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective May 15, 2012 Mar/Reg Oil Company resigns as operator of record and recognizes QEP Energy Company as the successor operator.

Rhonda Ahmad 5/17/2012
Rhonda Ahmad
President, Mar/Reg Oil Company
P O Box 18148, Reno, NV 89511

RECEIVED
JUN 19 2012
DIV. OF OIL, GAS & MINING

Effective May 15, 2012, QEP Energy Company accepts all responsibility as designated operator for this well, including all terms and conditions of the lease as well as compliance with all rules and regulations of applicable agencies.

Bond coverage is provided by our:

Federal Bond # ESB000024

State Bond # 965-010-695

Austin S. Muir 5/22/12
Austin S. Muir, VP Land & Business Development date
QEP Energy Company, 1050 17th St, Ste 500, Denver CO 80265

14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

Debra K. Stanberry

Title

Regional Manager, Regulatory Affairs

Signature

Date

5-17-12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: U-49656
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: BRENNAN FED 15-8
2. NAME OF OPERATOR: QEP ENERGY COMPANY		9. API NUMBER: 43047312720000
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078		9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0623 FSL 1967 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 08 Township: 07.0S Range: 21.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/20/2012			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DRILLING OF THIS WELL COMMENCED ON NOVEMBER 20, 2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 27, 2012

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A		DATE 11/26/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-49656
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: QEP ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		8. WELL NAME and NUMBER: BRENNAN FED 15-8
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0623 FSL 1967 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 08 Township: 07.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047312720000
9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM		COUNTY: UINTAH
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/21/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THIS WELL COMMENCED PRODUCTION ON DECEMBER 21, 2012 @ 2:00 P.M.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 14, 2013		
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 12/26/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT ☐
(highlight changes)

FORM 8

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU49656

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☒ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

3. ADDRESS OF OPERATOR:
11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-4320

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: SWSE, 623' FSL, 1967' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 1 LEG HORIZONTAL (SEE REMARKS)

AT TOTAL DEPTH: 1 LEG HORIZONTAL 691' FNL 1502' FEL BHL by HSM DOGM

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
BRENNAN FEDERAL 15-8

9. API NUMBER:
4304731272

10 FIELD AND POOL, OR WILDCAT
BRENNAN BOTTOM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
SWSE 8 7S 21E

12. COUNTY
UINTAH

13. STATE
UTAH

14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED:
12/18/2012 ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
4795' GL

18. TOTAL DEPTH: MD 10,508
TVD 6,672

19. PLUG BACK T.D.: MD
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD 1,956
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL

23.
WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
4.75	3.5 P110	9.3	6,042	10,480		NONE			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	6,022							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GREEN RIVER	6,975	10,480						Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6.975 - 10,480	15,000 GAL 15% HCL

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: OPS SUMMARY

30. WELL STATUS:

POW

RECEIVED

FEB 06 2013

DIV OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/21/2012		TEST DATE: 12/23/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 323		GAS – MCF: 0		WATER – BBL: 31		PROD. METHOD: GPU	
CHOKE SIZE:	TBG. PRESS. 169	CSG. PRESS. 25	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 323	GAS – MCF: 0	WATER – BBL: 31	INTERVAL STATUS:					

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

USED ON LEASE

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				UINTA	913
				EVACUATION CREEK	3,259
				PARACHUTE CREEK	4,121
				GARDEN GULCH	5,940
				WASATCH	6,950

35. ADDITIONAL REMARKS (Include plugging procedure)

SEE ATTACHED

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BENNA MUTH

TITLE REGULATORY ASSISTANT - CONTRACT

SIGNATURE

Benna Muth

DATE 1/28/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

WELL COMPLETION REPORT ATTACHMENT

BRENNAN FEDERAL 15-8

4304731272

DEEPENING SPUD DATE: 11-20-2012

#4: L1 - TOP PRODUCING INTERVAL: SWSE, 623' FSL, 1967' FEL

L1 - TOTAL DEPTH: NWNE, 694' FNL, 1502' FEL

#26: GREEN RIVER 6,975' (MD) – 10,480' (MD)

#27: SLOTTED AND BLANK LINER FROM 6,975' - 10,480'



QEP Energy Company

Daily Activity and Cost Summary

Well Name: BRENNAN FED 15-8

API 43-047-31272	Surface Legal Location Sec 8 T7S R21E	Field Name BRENNAN BOTTOM	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 4,795.1	Casing Flange Elevation (ft)	Current KB to GL (ft) 16.00	Current KB to CF (ft)	Spud Date 7/7/1983 00:00
Job Category Drilling	Primary Job Type RE-ENTER	Secondary Job Type DRILL LATERAL	Objective	Final Rig Release 12/8/2012 22:00
Start Date 11/17/2012	Job End Date 12/8/2012			

Purpose

Summary

Contractor Aztec Drilling	RIG AZTEC 950	Rig Type TOP DRIVE
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DOL	Start Date	Summary
1.0	11/17/2012	RIG DOWN 1 HR, RIG MOVE 11 HR, WAIT ON DAYLIGHT 12 HR
2.0	11/18/2012	WAIT ON DAYLIGHT 1 HR, RIG UP 17 HR, N/U BOP 4.5 HR, TEST BOPE 1.5 HR
3.0	11/19/2012	TEST BOPE 3.5 HR, R/U FLARE LINES 1.5 HR, LAY OUT & STRAP DRILL STRING 1.5 HR, P/U DRILL STRING 6.5 HR, RIG REPAIR 2 HR, CIRCULATE W/HOT OILER 1.5 HR, RIG SERVICE 0.5 HR, TRIP 4.5 HR
4.0	11/20/2012	TRIP x (2) 7.5 HR, PRESSURE TEST CASING 0.5 HR, WAIT ON EQUIPMENT 3 HR, SURVEY (GYRO HOLE, SET WHIPSTOCK) 6 HR, LOG (CCL) 1 HR, MILL WINDOW
5.0	11/21/2012	MILL WINDOW 7.5 HR, CIR 0.5 HR, TRIP 6 HR, HANDEL BHA 1.5 HR, SURVEY 3 HR, DIRECTIONAL DRILL 3.5 HR, CUT & SLIP DRILL LINE 2 HR
6.0	11/22/2012	DIRECTIONAL DRILL 20.5 HR, RIG DOWN GYRO 0.5 HR, RIG SERVICE 1 HR, SURVEYS AND CONNECTIONS 2 HR
7.0	11/23/2012	DIRECTIONAL DRILL 21 HR, RIG SERVICE 1 HR, SURVEYS AND CONNECTIONS 2 HR
8.0	11/24/2012	DIRECTIONAL DRILL 11 HR, MIX & PUMP DRY JOB 0.5 HR, CIRCULATE SAMPLES 1 HR, TRIP 7.5 HR, HANDLE BHA 1 HR, WASH & REAM 0.5 HR, RIG SERVICE 1 HR, SURVEYS AND CONNECTIONS 1.5 HR
9.0	11/25/2012	DIRECTIONAL DRILL 15 HR, RIG SERVICE 1 HR, SURVEYS AND CONNECTIONS 2.5 HR, TRIP 4.5 HR, HANDEL BHA 1 HR
10.0	11/26/2012	DIRECTIONAL DRILL 15 HR, RIG SERVICE 0.5 HR, SURVEY AND CONNECTION 4 HR, TRIP 4 HR, CHANGE SAVER SUB 0.5 HR
11.0	11/27/2012	DIRECTIONAL DRILL 17.5 HR, (10) STD SHORT TRIP 1 HR, RIG SERVICE 1 HR, SURVEYS AND CONNECTIONS 4.5 HR
12.0	11/28/2012	DIRECTIONAL DRILL 20 1/2 HR'S FEET SHORT TRIP 10 STDs= 1 HR'S RIG SERVICE 1/2 HRS SURVEYS & CONNECTIONS=1 HR XO SAVER SUB = 1 HRS
13.0	11/29/2012	DIRECTIONAL DRILL = 6.5 HRS CIRC F/ TRIP 1 HR, TRIP FOR BHA & PUSH PIPE=9 1/2 HRS WORK BHA SCRIB MWD TOOLS= 1 1/2 HRS WASH & REAM & RELOG 50 FT= 1 HRS DIRECTIONAL DRILL = 4.5
14.0	11/30/2012	DIRECTIONAL DRILL 9179 TO 9400 RIG SERVICE & CONNECTIONS & SURVEYS CONT TO DIRECTIONAL DRILL FROM 9400 TO 9553 TRIP FOR MUD MOTOR
15.0	12/1/2012	TRIP FOR MOTOR, WORK BHA, TIH TO WINDOW CUT DRILLING LINE TIH, WASH& REAM 30' FT DIRECTIONAL DRILL FROM 9553 FT TO 9845 SURVEYS & CONNECTIONS
16.0	12/2/2012	TRIP FOR MWD FAILURE WORK BHA, TIH RIG SERVICE, WASH & REAM RELOG 30' DIRECTIONAL DRILL FROM 9845 TO 10002 FT TRIP FOR MWD FAILURE
17.0	12/3/2012	TRIP FOR MWD FAILURE WASH & REAM & RELOG GAMMA TO 45' TO BOTTOM DIRECTIONAL DRILL FROM 10002 TO 10448 FT
18.0	12/4/2012	CIRC @ T.D. TRIP OUT & LAY DOWN DIRECTIONAL TOOLS PICK UP ECCENTRIC REAMERS & TRIP IN THE HOLE TO 6120 FT & START TO REAM FROM 6120 TO 7173 FEET
19.0	12/5/2012	REAM WITH ECCENTRIC REAMERS BACK REAM FROM 7120 FT TO 6260 FEET POOH CHANGE OUT REAMERS, RIG SERVICE WAIT ON NEW JARS CHANGE OUT JARS & TRIP IN THE HOLE.
20.0	12/6/2012	REAM WITH ECCENTRIC REAMERS FROM 8376 FT TO 10500 FT. CIRC HIGH VIS SWEEP TO SURFACE SHORT TRIP TO 8400 FEET CIRC HIGH VIS SWEEP TO SURFACE
21.0	12/7/2012	CIRC & SPOT BEAD PILL, TRIP FOR LINNER, RIG UP CASING CREWS & RUN 114 JTS OF P-110 9.3# UF CASING, PICK UP 30 3 1/2" D.C'S TRIP IN WITH LINNER & LAND @ SHOE 10480 FT TOP @ 6541 FT DISPLACE HOLE WITH KCL, LAY DOWN DRILL PIPE.
22.0	12/8/2012	LAY DOWN DRILL PIPE, SET BRIDGE PLUG @ 1956', NIPPLE DOWN BOP AND CLWAN TANKS. RIG RELEASED @ 22:00 HRS 12/08/2012. RIG DOWN



QEP Energy Company

Directional Survey

Well Name: BRENNAN FED 15-8

API 43-047-31272	Surface Legal Location Sec 8 T7S R21E	Field Name BRENNAN BOTTOM	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 4,795.1	Casing Flange Elevation (ft)	Current KB to GL (ft) 16.00	Current KB to CF (ft)	Spud Date 7/7/1983 00:00
				Final Rig Release 12/8/2012 22:00
Wellbore Name Lateral (Re-Entry)	Parent Wellbore Original Hole	Sidetrack Start Depth (ft, KB) 6,086.0	Vertical Section Direction (*) 90.00	
Date 11/22/2012	Definitive? No	Description LATERAL 1	Proposed? No	
MD Tie In (ft, KB) 6,071.00	TVD Tie In (ft, KB) 6,071.00	Inclination Tie In (*) 0.87	Azimuth Tie In (*) 90.08	NS Tie In (ft) -41.27
				EW Tie In (ft) 14.53

Survey Data

MD (ft, KB)	Incl (*)	Azm (*)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (*/100ft)	Build (*/100ft)	Turn (*/100ft)	Traverse Distance (ft)
6,071.00	0.87	90.08	MWD	11/23/2...	Native...	6,071.00	-41.27	14.53	14.53	0.00	0.00	0.00	0.00
6,157.00	7.70	5.60	MWD	11/22/2...	Native...	6,156.74	-35.53	15.75	15.75	8.91	7.94	-98.23	5.87
6,188.00	8.20	0.90	MWD	11/22/2...	Native...	6,187.44	-31.25	15.98	15.98	2.64	1.61	-15.16	10.15
6,219.00	11.60	2.70	MWD	11/22/2...	Native...	6,217.97	-25.93	16.17	16.17	11.01	10.97	5.81	15.48
6,251.00	14.60	7.60	MWD	11/22/2...	Native...	6,249.14	-18.71	16.85	16.85	9.99	9.38	15.31	22.73
6,283.00	17.30	10.10	MWD	11/22/2...	Native...	6,279.90	-10.03	18.22	18.22	8.70	8.44	7.81	31.52
6,314.00	22.10	8.70	MWD	11/22/2...	Native...	6,309.08	0.28	19.91	19.91	15.56	15.48	-4.52	41.96
6,346.00	27.10	6.60	MWD	11/22/2...	Native...	6,338.17	13.48	21.66	21.66	15.86	15.63	-6.56	55.28
6,377.00	31.60	4.60	MWD	11/22/2...	Native...	6,365.18	28.60	23.12	23.12	14.85	14.52	-6.45	70.47
6,409.00	36.40	4.80	MWD	11/22/2...	Native...	6,391.70	46.43	24.59	24.59	15.00	15.00	0.63	88.36
6,441.00	37.10	4.70	MWD	11/23/2...	Native...	6,417.34	65.51	26.18	26.18	2.20	2.19	-0.31	107.50
6,472.00	38.90	6.60	MWD	11/23/2...	Native...	6,441.77	84.50	28.06	28.06	6.92	5.81	6.13	126.59
6,504.00	42.90	6.50	MWD	11/23/2...	Native...	6,465.95	105.31	30.45	30.45	12.50	12.50	-0.31	147.53
6,536.00	47.40	7.30	MWD	11/23/2...	Native...	6,488.51	127.82	33.18	33.18	14.17	14.06	2.50	170.21
6,566.00	51.00	6.80	MWD	11/23/2...	Native...	6,508.11	150.36	35.97	35.97	12.07	12.00	-1.67	192.92
6,598.00	53.30	5.40	MWD	11/23/2...	Native...	6,527.75	175.48	38.65	38.65	7.97	7.19	-4.38	218.18
6,630.00	56.50	7.40	MWD	11/23/2...	Native...	6,546.15	201.49	41.57	41.57	11.23	10.00	6.25	244.36
6,661.00	60.50	9.40	MWD	11/23/2...	Native...	6,562.34	227.63	45.44	45.44	14.03	12.90	6.45	270.78
6,693.00	62.30	9.50	MWD	11/23/2...	Native...	6,577.66	255.34	50.06	50.06	5.63	5.62	0.31	298.88
6,725.00	63.40	10.00	MWD	11/23/2...	Native...	6,592.26	283.40	54.88	54.88	3.71	3.44	1.56	327.35
6,756.00	68.40	10.60	MWD	11/23/2...	Native...	6,604.92	311.24	59.94	59.94	16.23	16.13	1.94	355.64
6,788.00	74.20	10.40	MWD	11/24/2...	Native...	6,615.17	341.03	65.46	65.46	18.13	18.13	-0.62	385.94
6,819.00	76.40	10.90	MWD	11/24/2...	Native...	6,623.04	370.49	71.00	71.00	7.27	7.10	1.61	415.92
6,851.00	77.00	11.20	MWD	11/24/2...	Native...	6,630.40	401.06	76.97	76.97	2.09	1.87	0.94	447.06
6,868.00	77.50	11.10	MWD	11/24/2...	Native...	6,634.15	417.33	80.18	80.18	3.00	2.94	-0.59	463.64
6,878.00	79.30	10.60	MWD	11/24/2...	Native...	6,636.16	426.95	82.02	82.02	18.65	18.00	-5.00	473.44
6,910.00	84.60	9.30	MWD	11/24/2...	Native...	6,640.64	458.14	87.49	87.49	17.04	16.56	-4.06	505.11
6,941.00	85.20	8.80	MWD	11/25/2...	Native...	6,643.40	488.64	92.35	92.35	2.52	1.94	-1.61	535.99
6,973.00	86.60	8.80	MWD	11/25/2...	Native...	6,645.69	520.18	97.23	97.23	4.38	4.37	0.00	567.91
7,005.00	88.30	7.90	MWD	11/25/2...	Native...	6,647.11	551.81	101.87	101.87	6.01	5.31	-2.81	599.87
7,036.00	88.70	8.00	MWD	11/25/2...	Native...	6,647.92	582.50	106.16	106.16	1.33	1.29	0.32	630.86
7,068.00	89.80	8.00	MWD	11/25/2...	Native...	6,648.34	614.18	110.61	110.61	3.44	3.44	0.00	662.86
7,100.00	89.90	8.10	MWD	11/25/2...	Native...	6,648.42	645.87	115.09	115.09	0.44	0.31	0.31	694.86
7,132.00	90.10	8.30	MWD	11/25/2...	Native...	6,648.42	677.54	119.66	119.66	0.88	0.62	0.63	726.86
7,163.00	90.10	8.50	MWD	11/25/2...	Native...	6,648.37	708.21	124.18	124.18	0.65	0.00	0.65	757.86
7,195.00	89.50	8.20	MWD	11/25/2...	Native...	6,648.48	739.87	128.83	128.83	2.10	-1.87	-0.94	789.86
7,226.00	88.50	8.80	MWD	11/25/2...	Native...	6,649.02	770.52	133.41	133.41	3.76	-3.23	1.94	820.85
7,258.00	88.40	8.80	MWD	11/25/2...	Native...	6,649.89	802.13	138.31	138.31	0.31	-0.31	0.00	852.84
7,290.00	88.60	8.80	MWD	11/25/2...	Native...	6,650.73	833.75	143.20	143.20	0.62	0.62	0.00	884.83
7,321.00	88.50	8.80	MWD	11/25/2...	Native...	6,651.51	864.37	147.94	147.94	0.32	-0.32	0.00	915.82
7,353.00	87.80	8.80	MWD	11/25/2...	Native...	6,652.54	895.98	152.83	152.83	2.19	-2.19	0.00	947.80
7,384.00	88.20	8.40	MWD	11/25/2...	Native...	6,653.62	926.61	157.47	157.47	1.82	1.29	-1.29	978.78
7,416.00	90.50	8.00	MWD	11/25/2...	Native...	6,653.99	958.28	162.03	162.03	7.30	7.19	-1.25	1,010.78
7,447.00	90.00	7.50	MWD	11/25/2...	Native...	6,653.85	989.00	166.21	166.21	2.28	-1.61	-1.61	1,041.78
7,479.00	89.10	6.70	MWD	11/25/2...	Native...	6,654.10	1,020.75	170.17	170.17	3.76	-2.81	-2.50	1,073.78
7,501.00	89.10	6.90	MWD	11/26/2...	Native...	6,654.45	1,042.59	172.77	172.77	0.91	0.00	0.91	1,095.78
7,532.00	91.10	6.80	MWD	11/26/2...	Native...	6,654.40	1,073.37	176.47	176.47	6.46	6.45	-0.32	1,126.77



QEP Energy Company

Directional Survey

Well Name: BRENNAN FED 15-8

API 43-047-31272	Surface Legal Location Sec 8 T7S R21E	Field Name BRENNAN BOTTOM	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 4,795.1	Casing Flange Elevation (ft)	Current KB to GL (ft) 16.00	Current KB to CF (ft)	Spud Date 7/7/1983 00:00
				Final Rig Release 12/8/2012 22:00

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
7,564.00	91.60	6.20	MWD	11/26/2...	Native...	6,653.64	1,105.15	180.09	180.09	2.44	1.56	-1.88	1,158.76
7,596.00	91.30	5.60	MWD	11/26/2...	Native...	6,652.83	1,136.97	183.38	183.38	2.10	-0.94	-1.88	1,190.75
7,627.00	90.40	5.90	MWD	11/26/2...	Native...	6,652.37	1,167.81	186.48	186.48	3.06	-2.90	0.97	1,221.75
7,659.00	89.50	6.50	MWD	11/26/2...	Native...	6,652.40	1,199.63	189.94	189.94	3.38	-2.81	1.88	1,253.75
7,690.00	90.60	6.60	MWD	11/26/2...	Native...	6,652.37	1,230.42	193.48	193.48	3.56	3.55	0.32	1,284.75
7,722.00	91.40	6.60	MWD	11/26/2...	Native...	6,651.81	1,262.21	197.15	197.15	2.50	2.50	0.00	1,316.74
7,754.00	89.40	6.60	MWD	11/26/2...	Native...	6,651.59	1,293.99	200.83	200.83	6.25	-6.25	0.00	1,348.74
7,786.00	89.20	6.60	MWD	11/26/2...	Native...	6,651.98	1,325.78	204.51	204.51	0.62	-0.63	0.00	1,380.74
7,817.00	89.50	6.70	MWD	11/27/2...	Native...	6,652.33	1,356.57	208.10	208.10	1.02	0.97	0.32	1,411.74
7,849.00	89.00	7.30	MWD	11/27/2...	Native...	6,652.75	1,388.32	212.00	212.00	2.44	-1.56	1.88	1,443.73
7,880.00	88.70	7.30	MWD	11/27/2...	Native...	6,653.37	1,419.07	215.94	215.94	0.97	-0.97	0.00	1,474.73
7,912.00	89.50	7.30	MWD	11/27/2...	Native...	6,653.88	1,450.80	220.00	220.00	2.50	2.50	0.00	1,506.72
7,944.00	90.50	7.60	MWD	11/27/2...	Native...	6,653.88	1,482.53	224.15	224.15	3.26	3.13	0.94	1,538.72
7,975.00	90.60	7.00	MWD	11/27/2...	Native...	6,653.58	1,513.28	228.09	228.09	1.96	0.32	-1.94	1,569.72
8,007.00	88.80	7.00	MWD	11/27/2...	Native...	6,653.75	1,545.04	231.99	231.99	5.62	-5.62	0.00	1,601.72
8,039.00	88.20	7.00	MWD	11/27/2...	Native...	6,654.58	1,576.79	235.89	235.89	1.87	-1.87	0.00	1,633.71
8,070.00	88.50	7.50	MWD	11/27/2...	Native...	6,655.48	1,607.53	239.80	239.80	1.88	0.97	1.61	1,664.70
8,102.00	89.10	7.30	MWD	11/27/2...	Native...	6,656.15	1,639.26	243.92	243.92	1.98	1.87	-0.63	1,696.69
8,134.00	89.60	7.50	MWD	11/27/2...	Native...	6,656.51	1,670.99	248.04	248.04	1.68	1.56	0.63	1,728.69
8,165.00	90.00	7.40	MWD	11/27/2...	Native...	6,656.62	1,701.73	252.06	252.06	1.33	1.29	-0.32	1,759.69
8,197.00	90.30	7.10	MWD	11/27/2...	Native...	6,656.54	1,733.47	256.10	256.10	1.33	0.94	-0.94	1,791.69
8,229.00	91.10	7.10	MWD	11/27/2...	Native...	6,656.14	1,765.22	260.05	260.05	2.50	2.50	0.00	1,823.68
8,260.00	91.40	6.70	MWD	11/27/2...	Native...	6,655.47	1,795.99	263.78	263.78	1.61	0.97	-1.29	1,854.68
8,292.00	89.80	7.70	MWD	11/27/2...	Native...	6,655.13	1,827.73	267.79	267.79	5.90	-5.00	3.13	1,886.67
8,323.00	89.30	9.50	MWD	11/27/2...	Native...	6,655.38	1,858.38	272.42	272.42	6.03	-1.61	5.81	1,917.67
8,355.00	89.90	9.20	MWD	11/27/2...	Native...	6,655.60	1,889.96	277.62	277.62	2.10	1.88	-0.94	1,949.67
8,386.00	87.90	8.80	MWD	11/27/2...	Native...	6,656.19	1,920.57	282.47	282.47	6.58	-6.45	-1.29	1,980.66
8,417.00	86.30	9.20	MWD	11/28/2...	Native...	6,657.76	1,951.15	287.31	287.31	5.32	-5.16	1.29	2,011.62
8,448.00	86.70	9.20	MWD	11/28/2...	Native...	6,659.66	1,981.69	292.26	292.26	1.29	1.29	0.00	2,042.56
8,480.00	88.00	8.50	MWD	11/28/2...	Native...	6,661.14	2,013.27	297.18	297.18	4.61	4.06	-2.19	2,074.53
8,512.00	89.10	8.70	MWD	11/28/2...	Native...	6,661.94	2,044.90	301.96	301.96	3.49	3.44	0.62	2,106.52
8,543.00	88.80	8.10	MWD	11/28/2...	Native...	6,662.51	2,075.57	306.49	306.49	2.16	-0.97	-1.94	2,137.51
8,575.00	91.30	8.80	MWD	11/28/2...	Native...	6,662.49	2,107.22	311.19	311.19	8.11	7.81	2.19	2,169.51
8,606.00	91.40	7.70	MWD	11/28/2...	Native...	6,661.75	2,137.89	315.64	315.64	3.56	0.32	-3.55	2,200.50
8,638.00	91.50	7.10	MWD	11/28/2...	Native...	6,660.94	2,169.61	319.76	319.76	1.90	0.31	-1.88	2,232.49
8,670.00	89.50	6.00	MWD	11/28/2...	Native...	6,660.67	2,201.40	323.41	323.41	7.13	-6.25	-3.44	2,264.49
8,701.00	88.30	5.50	MWD	11/28/2...	Native...	6,661.26	2,232.24	326.51	326.51	4.19	-3.87	-1.61	2,295.48
8,733.00	89.30	5.30	MWD	11/28/2...	Native...	6,661.93	2,264.09	329.52	329.52	3.19	3.13	-0.63	2,327.47
8,765.00	89.80	4.00	MWD	11/28/2...	Native...	6,662.18	2,295.98	332.12	332.12	4.35	1.56	-4.06	2,359.47
8,796.00	89.40	3.10	MWD	11/28/2...	Native...	6,662.40	2,326.92	334.04	334.04	3.18	-1.29	-2.90	2,390.47
8,827.00	91.00	2.50	MWD	11/29/2...	Native...	6,662.29	2,357.88	335.55	335.55	5.51	5.16	-1.94	2,421.47
8,859.00	90.90	2.60	MWD	11/29/2...	Native...	6,661.76	2,389.84	336.97	336.97	0.44	-0.31	0.31	2,453.46
8,891.00	92.10	2.50	MWD	11/29/2...	Native...	6,660.92	2,421.80	338.40	338.40	3.76	3.75	-0.31	2,485.45
8,922.00	92.60	2.50	MWD	11/29/2...	Native...	6,659.65	2,452.74	339.75	339.75	1.61	1.61	0.00	2,516.43
8,954.00	89.50	2.80	MWD	11/29/2...	Native...	6,659.06	2,484.70	341.23	341.23	9.73	-9.69	0.94	2,548.42
8,986.00	88.80	3.80	MWD	11/29/2...	Native...	6,659.54	2,516.64	343.07	343.07	3.81	-2.19	3.13	2,580.41
9,017.00	89.20	4.50	MWD	11/30/2...	Native...	6,660.08	2,547.56	345.31	345.31	2.60	1.29	2.26	2,611.41
9,049.00	89.80	4.10	MWD	11/30/2...	Native...	6,660.36	2,579.47	347.71	347.71	2.25	1.87	-1.25	2,643.41
9,080.00	88.90	3.60	MWD	11/30/2...	Native...	6,660.71	2,610.39	349.79	349.79	3.32	-2.90	-1.61	2,674.40
9,112.00	88.90	4.30	MWD	11/30/2...	Native...	6,661.33	2,642.31	352.00	352.00	2.19	0.00	2.19	2,706.40
9,144.00	88.90	4.60	MWD	11/30/2...	Native...	6,661.94	2,674.21	354.48	354.48	0.94	0.00	0.94	2,738.39



Directional Survey

QEP Energy Company

Well Name: BRENNAN FED 15-8

API 43-047-31272	Surface Legal Location Sec 8 T7S R21E	Field Name BRENNAN BOTTOM	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 4,795.1	Casing Flange Elevation (ft)	Current KB to GL (ft) 16.00	Current KB to CF (ft)	Spud Date 7/7/1983 00:00
				Final Rig Release 12/8/2012 22:00

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
9,175.00	88.00	4.50	MWD	11/30/2...	Native...	6,662.78	2,705.10	356.94	356.94	2.92	-2.90	-0.32	2,769.38
9,207.00	89.10	4.90	MWD	11/30/2...	Native...	6,662.96	2,737.03	359.56	2,760.55	0.00	0.00	0.00	0.00
9,239.00	89.60	5.10	MWD	11/30/2...	Native...	6,663.32	2,768.91	362.35	362.35	1.68	1.56	0.62	32.00
9,270.00	89.80	5.50	MWD	11/30/2...	Native...	6,663.49	2,799.77	365.21	365.21	1.44	0.65	1.29	63.00
9,302.00	89.60	5.00	MWD	11/30/2...	Native...	6,663.65	2,831.64	368.14	368.14	1.68	-0.63	-1.56	95.00
9,333.00	89.00	5.20	MWD	11/30/2...	Native...	6,664.03	2,862.51	370.90	370.90	2.04	-1.94	0.65	125.99
9,365.00	89.30	4.90	MWD	11/30/2...	Native...	6,664.51	2,894.39	373.71	373.71	1.33	0.94	-0.94	157.99
9,397.00	89.90	4.90	MWD	11/30/2...	Native...	6,664.73	2,926.27	376.45	376.45	1.87	1.88	0.00	189.99
9,428.00	89.90	5.50	MWD	11/30/2...	Native...	6,664.78	2,957.14	379.26	379.26	1.94	0.00	1.94	220.99
9,460.00	90.30	5.80	MWD	12/1/2012	Native...	6,664.73	2,988.98	382.41	382.41	1.56	1.25	0.94	252.99
9,492.00	91.70	5.90	MWD	12/1/2012	Native...	6,664.17	3,020.81	385.67	385.67	4.39	4.38	0.31	284.98
9,523.00	92.10	5.90	MWD	12/1/2012	Native...	6,663.14	3,051.63	388.85	388.85	1.29	1.29	0.00	315.97
9,555.00	88.40	4.80	MWD	12/1/2012	Native...	6,663.00	3,083.48	391.83	391.83	12.06	-11.56	-3.44	347.96
9,586.00	88.10	4.50	MWD	12/1/2012	Native...	6,663.95	3,114.37	394.35	394.35	1.37	-0.97	-0.97	378.95
9,618.00	89.20	4.80	MWD	12/1/2012	Native...	6,664.70	3,146.25	396.94	396.94	3.56	3.44	0.94	410.94
9,649.00	89.50	5.10	MWD	12/1/2012	Native...	6,665.05	3,177.14	399.61	399.61	1.37	0.97	0.97	441.93
9,681.00	89.00	5.10	MWD	12/1/2012	Native...	6,665.47	3,209.01	402.46	402.46	1.56	-1.56	0.00	473.93
9,713.00	88.70	5.10	MWD	12/2/2012	Native...	6,666.12	3,240.87	405.30	405.30	0.94	-0.94	0.00	505.92
9,743.00	90.80	5.00	MWD	12/2/2012	Native...	6,666.25	3,270.75	407.94	407.94	7.01	7.00	-0.33	535.92
9,775.00	90.70	5.20	MWD	12/2/2012	Native...	6,665.83	3,302.63	410.79	410.79	0.70	-0.31	0.63	567.92
9,807.00	90.40	5.10	MWD	12/2/2012	Native...	6,665.52	3,334.49	413.66	413.66	0.99	-0.94	-0.31	599.92
9,838.00	90.80	4.40	MWD	12/2/2012	Native...	6,665.20	3,365.39	416.23	416.23	2.60	1.29	-2.26	630.92
9,870.00	90.60	4.10	MWD	12/2/2012	Native...	6,664.80	3,397.30	418.60	418.60	1.13	-0.63	-0.94	662.91
9,902.00	89.20	4.20	MWD	12/2/2012	Native...	6,664.86	3,429.21	420.91	420.91	4.39	-4.37	0.31	694.91
9,933.00	88.70	3.70	MWD	12/2/2012	Native...	6,665.43	3,460.13	423.05	423.05	2.28	-1.61	-1.61	725.91
9,965.00	88.20	3.60	MWD	12/3/2012	Native...	6,666.29	3,492.06	425.09	425.09	1.59	-1.56	-0.31	757.90
9,997.00	89.10	3.70	MWD	12/3/2012	Native...	6,667.05	3,523.98	427.12	427.12	2.83	2.81	0.31	789.89
10,028.00	90.80	5.00	MWD	12/3/2012	Native...	6,667.08	3,554.89	429.47	429.47	6.90	5.48	4.19	820.89
10,060.00	90.00	4.30	MWD	12/3/2012	Native...	6,666.85	3,586.78	432.07	432.07	3.32	-2.50	-2.19	852.88
10,092.00	88.70	4.30	MWD	12/3/2012	Native...	6,667.21	3,618.69	434.47	434.47	4.06	-4.06	0.00	884.88
10,123.00	89.60	5.10	MWD	12/3/2012	Native...	6,667.67	3,649.58	437.01	437.01	3.88	2.90	2.58	915.88
10,155.00	90.55	5.10	MWD	12/3/2012	Native...	6,667.63	3,681.46	439.85	439.85	2.97	2.97	0.00	947.88
10,186.00	89.60	4.50	MWD	12/3/2012	Native...	6,667.59	3,712.35	442.44	442.44	3.62	-3.06	-1.94	978.88
10,218.00	90.20	5.90	MWD	12/3/2012	Native...	6,667.65	3,744.21	445.34	445.34	4.76	1.88	4.38	1,010.88
10,249.00	88.50	4.10	MWD	12/3/2012	Native...	6,668.00	3,775.09	448.05	448.05	7.99	-5.48	-5.81	1,041.87
10,281.00	87.70	4.20	MWD	12/4/2012	Native...	6,669.06	3,806.99	450.36	450.36	2.52	-2.50	0.31	1,073.85
10,313.00	89.80	4.50	MWD	12/4/2012	Native...	6,669.76	3,838.89	452.79	452.79	6.63	6.56	0.94	1,105.84
10,344.00	90.80	5.00	MWD	12/4/2012	Native...	6,669.60	3,869.78	455.35	455.35	3.61	3.23	1.61	1,136.84
10,376.00	88.50	3.30	MWD	12/4/2012	Native...	6,669.79	3,901.69	457.67	457.67	8.94	-7.19	-5.31	1,168.84
10,408.00	89.60	2.70	MWD	12/4/2012	Native...	6,670.32	3,933.64	459.34	459.34	3.92	3.44	-1.88	1,200.83
10,439.00	89.30	3.00	MWD	12/4/2012	Native...	6,670.62	3,964.60	460.89	460.89	1.37	-0.97	0.97	1,231.83
10,468.00	88.40	3.40	MWD	12/4/2012	Native...	6,671.20	3,993.55	462.50	462.50	3.40	-3.10	1.38	1,260.83
10,508.00	88.40	3.40	MWD	12/4/2012	Native...	6,672.32	4,033.47	464.88	464.88	0.00	0.00	0.00	1,300.81